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TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                      RESULT 1
US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 12, Appl
Sequence 12, Appl
Sequence 194, Appl
Sequence 6109, Ap
Sequence 175, Appl
Sequence 175, Appl
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 10584, A
Sequence 26, Appl
Sequence 169, Appl
Sequence 16, Appli
Sequence 16, Appli
Sequence 1, Appli
Sequence 1597, Appli
Sequence 1597, Appli
Sequence 3506, Appli
Sequence 2745, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 23, Appl
Sequence 3, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                 January 28, 2006, 06:20:07; Search time 18.6667 Seconds (without alignments) 53.149 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                          1: /cgn2 6/ptodata/1/iaa/5 COMB.pep:*
2: /cgn2 6/ptodata/1/iaa/6 COMB.pep:*
3: /cgn2 6/ptodata/1/iaa/H COMB.pep:*
4: /cgn2 6/ptodata/1/iaa/H COMB.pep:*
5: /cgn2 6/ptodata/1/iaa/RE_COMB.pep:*
6: /cgn2 6/ptodata/1/iaa/RE_COMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-866-538-12
US-09-865-291-12
US-09-865-291-12
US-09-205-658-194
US-09-205-658-175
US-09-13-990-6-109
US-09-13-990-6-109
US-09-13-981-1
US-09-13-981-1
US-09-349-016-6465
US-09-949-016-10584
US-09-949-016-10584
US-09-949-016-10584
US-09-131-568A-2
US-09-205-573-1
US-09-131-568A-1
                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-688-988-34
                                                                                                                                                                                                                                                   572060 seqs, 82675679 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                  Issued Patents AA:*
                                                                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                           1 KISFPEGFPFKY 12
                                                                                                                                           US-09-897-042-21
68
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Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Perfect score:
                                                                                                                                                                                                          Scoring table:
                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                      Searched:
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Score 42;
Pred. No.
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Best Local Similarity 63.6
Matches 7; Conservative
                 56 KITFPEGSPFKY 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KISFPEGFPFK 11
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84 KLSFPEGFKWE 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |:||||| ::
KLSFPEGFKWE 94
                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT

ORGANISM: Discosoma sp.

US-09-866-538-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Discosoma sp. US-09-865-291-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-865-291-12
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                                                                                                          Length 160;
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Best Local Similarity 83.3%; Pred. No. 0.015;
Matches 10; Conservative 1; Mismatches 1. Tala
                                                                                                                                               0; Indels
; ORGANISM: birch (Betula sp.); IMMEDIATE SOURCE:
; LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-010-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jones III, Harry C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Breitenbach, Michael
APPLICANT: Kraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Applications Thereof
                                                                                                         Score 68; DB 1; I
Pred. No. 0.00016;
                                                                                                                                                                                                                                                                                                                                                                 Breiteneder, Heimo
Keikerstorfer, Arnold
Valenta, Rudolf
Hoffmann Sommergruber, Karin
                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                             100.0%; Sco
100.0%; Pre
                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/07847010 Patent No. 5693495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (212) 790-9090
(212) 869-9741/8864
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
TYPE: amino acid
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
ORGANISM: Alder (Alnus sp.)
                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                          S6 KISFPEGFPFKY 67
                                                                                                                                                                                 1 KISFPEGFPFKY 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 2:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & 1
                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                           RESULT 2
US-07-847-010-3
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Sequence 12, Application US/09865291
| Sequence 12, Application US/09865291
| Patent No. 6900304
| GENERAL INFORMATION:
| APPLICANT: TSIEN, ROGET
| APPLICANT: TSIEN, ROGET
| APPLICANT: TISIEN, ROGET
| APPLICANT: TISIEN, ROGET
| APPLICANT: TING, Alice
| APPLICANT: TING, Alice
| TITLE OF INVENTION: EMISSION RATIOMETRIC INDICATORS OF PHOSPHORYLATION
| TITLE OF INVENTION: EMISSION RATIOMETRIC INDICATORS OF PHOSPHORYLATION
| FILE REFERENCE: RESENISSO
| CURRENT APPLICATION NUMBER: US/09/865,291
| CURRENT FILING DATE: 2001-05-24
| NUMBER OF SEQ ID NOS: 42
| SOFTWARE: PatentIn version 3.0
| SEQ ID NO 12
| LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Patent No. 6723537

GENERAL INFORMATION:
APPLICANT: Peelle, Beau
APPLICANT: Rigel Pharmaceuticals, Incorporated
TITLE OF INVENTION: Directed Evolution of Protein in Mammalian Cells
FILE REPERENCE: 021044-000110US
CURRENT APPLICATION UNMER: US/10/152,296
CURRENT FILING DATE: 2002-12-10
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US-09-866-538-12
; Sequence 12, Application US/09866538
; Sequence 12, Application US/09866538
; Patent No. 6852849
; GENERAL INFORMATION:
; APPLICANT: REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: Campbell, Robert
; TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
; TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
; TITLE NEFERENCE: REGEN1530-2
; CURRENT APPLICATION NUMBER: US/09/866,538
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 12.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
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NUMBER OF SEQ ID NOS: 36681
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                            SOFTWARE: Patent.pm
SEQ ID NO 6109
LENGTH: 109
                                                                                                                                                          NAME/KEY: UNSURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-216-430C-20
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Patent No. 6783961

GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Qiordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                         CTHER INFORMATION: Description of Artificial Sequence:mammalian of OTHER INFORMATION: codon-optimized variant (DeRED) of Discosoma sp. CTHER INFORMATION: "red" red fluorescent protein (RFP) US-10-152-296-2
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Sequence 194 Application US/09205658

; Sequence 194 Application US/09205658

; Patent No. 6861256
; Patent No. 6861256
; Patent No. 6861256
; Patent Normation:
; APPLICANT: Ogg, Scott
; TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
; TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
; TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
; FILE REFERENCE: 00786/351004
; CURRENT FILING DATE: 1998-12-03
; BARLIER FILING DATE: 1997-05-15
; BARLIER FILING DATE: 1997-07-07
; BARLIER FILING DATE: 1997-07-07
; BARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 328
; SOFTMARE: FREISEQ for Mindows Version 4.0
                                                                                                                                                                                                                                                                                                                    Query Match 61.8%; Score 42; DB 2; Length 240; Best Local Similarity 63.6%; Pred. No. 11; Matches 7; Conservative 3; Mismatches 1; Indels
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100.0%; Pred. No. 5.8;
:ive 0; Mismatches (
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CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: US 60/291,871
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 240
TYPE: PRT
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , ORGANISM: Caenorhabditis elegans US-09-205-658-194
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Best Local Similarity 100.
Matches 7; Conservative
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85 KLSFPEGFKWE 95
                                                                                                                                                                                                                                                                                                                                                                                                                     1 KISFPEGFPFK 11
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LENGTH: 98
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Sequence 20, Application US/09216430C
Sequence 20, Application US/09216430C
Sequence 20, Application US/09216430C
GENERAL INFORMATION:
APPLICANT: Chau, Vincent
TITLE OF INVENTION: Human Proteins Responsible for NEDD8 Activation and Conjugation
TITLE OF INVENTION: Human Proteins Responsible for NEDD8 Activation and Conjugation
TITLE OF INVENTION NUMBER: US/09/216,430C
CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: US 60/068,209
PRIOR APPLICATION NUMBER: US 60/068,209
PRIOR APPLICATION NUMBER: US 60/068,209
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.1
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GENERAL INFORMATION:
APPLICANT: RUNKLIN, Gary
APPLICANT: RUNKLIN, Gary
APPLICANT: OGG, SCOCT
TITLE OF INVENTION: IMPRARED GLUCOSE TOLERANCE CONDITIONS
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
TITLE OF INVENTION INMERR: US/09/205,658
CURRENT FILING DATE: 1998-12-03
CURRENT APPLICATION NUMBER: 08/857,076
EARLIER APPLICATION NUMBER: 08/88,534
EARLIER FILING DATE: 1997-05-15
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1998-05-15
MUMBER OF SEQ ID NOS: 328
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FEALESQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60.3%; Score 41; DB 2; Length 122; 100.0%; Pred. No. 7.4; ive 0; Mismatches 0; Indels
                                                                                                                                                                                     Score 41; DB 2; Length 109;
Pred. No. 6.5;
                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 8

US-09-205-658-175

; Sequence 175, Application US/09205658

; Patent No. 6861256
                                                                                                 LOCATION: 105
COTHER INFORMATION: Xaa=Leu or Pro
US-09-513-999C-6109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : Caenorhabditis elegans
                                                                                                                                                                                               60.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
                                                                                                                                                                                                  Query Match 60.3
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                1 KISFPEGFPFK 11
                                                                                                                                                                                                                                                                                                                                                54 RİSPPEYPFK 64
TYPE: PRT
ORGANISM: Homo sapiens
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RESULT 12
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                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/08748703
Patent No. S847094
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL UBCH7-LIKE UBIQUITIN-CONJUGATING
TITLE OF INVENTION: BAZYME
                                                                                                                                                              Score 41; DB 2; Length 152;
Pred. No. 9.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60.3%; Score 41; DB 1; Length 153; 63.6%; Pred. No. 9.5; ive 2; Mismatches 2; Indels
                                                                                                                                                                                                      2; Indels
                                                                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: 4
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 Porter Drive
GITY: Palo Alto
STATE: CA
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: DISKETCE
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FESTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,703
FILING DATE: Herewith
CLASSIPICATION DATA:
APPLICATION NUMBER: BY
FILING DATE:
FILING DATE:
ATTOCNEY/AGENT INFORWATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFISCOMMUNICATION NUMBER: PF-0161 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 153 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                 63.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 63.6
Matches 7; Conservative
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Matches 7; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 415-845-4166
                                                                     NAME/KEY: MISC_FEATURE
| LOCATION: (1) ... (152)
| OTHER INFORMATION: UbcH8
US-09-216-430C-20
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54 RISFPPEYPFK 64
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                 TYPE: PRT
ORGANISM: Human
LENGTH: 152
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US-08-748-703-1
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                                                     FEATURE
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Sequence 6465, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERINCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
FRIOR PAPLICATION NUMBER: 60/231,755
PRIOR APPLICATION NUMBER: 60/237,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
Sequence 1, Application US/09132861
; Sequence 1, Application US/09132861
; Patent No. 6124123
; GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
TITLE OF INVENTION: NOVEL UBCH7-LIKE UBIQUITIN-CONJUGATING
TITLE OF INVENTION: ENZYME
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS:
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FEBERSEY VETSION SOFTWARE: FEBERSEY VETSION CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/132,861
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/748,703
FILING DATE:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0161 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1876-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             63.68;
                                                                                                                                                                                                                                                                                                                             ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 153 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 60.3
Best Local Similarity 63.6
Matches 7; Conservative
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54 RISFPPEYPFK 64
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STRANDEDNESS: sin
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TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 63.6%;
Matches 7; Conservative
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Best Local Similarity 63.6
Matches 7; Conservative
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563 KVSIPKGFVFK 573
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-331-568A-26
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US-09-949-016-10584

Squence 10584, Application US/09949016

Squence 10584, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR PELING DATE: 2000-10-20

PRIOR PELING DATE: 2000-10-03

PRIOR PELING DATE: 2000-10-03

PRIOR PELING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 10584
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; Sequence 6570004
; Patent No. 6570004
; GENERAL INFORMATION:
    APPLICANT: Martin J. Blaser
; APPLICANT: Mixio Karita
; TITLE OF INVENTION: dapE GENE OF HELICOBACTER PYLORI
; TITLE OF INVENTION: dapE MUTANT STRAINS OF HELICOBACTER PYLORI
; TITLE OF INVENTION: dapE MUTANT STRAINS OF HELICOBACTER PYLORI
; FILE REFERENCE: 22000.0073,
; CURRENT FILING DATE: 12001-06-18
; PRIOR APPLICATION NUMBER: 00/033,824
; PRIOR PILING DATE: 1997-12-23
; PRIOR FILING DATE: 1997-12-23
; RIOR FILING DATE: 1996-12-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FABLSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                 Score 41; DB 2; Length 153;
Pred. No. 9.5;
2; Mismatches 2; Indels
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6465
LENGTH: 153
TYPE: PRI
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                                                                                                                                                                                                                                                        Query Match 60.3
Best Local Similarity 63.6
Matches 7; Conservative
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69 RISFPPEYPFK 79
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54 RISFPPEYPFK 64
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                                                                                                                                                                                     ORGANISM: Human
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US-09-949-016-10584
                                                                                                                                                                                                             US-09-949-016-6465
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TYPE: PRE PRAYURE:

ORGANISM: Artificial Sequence
FRAYURE:

OTHER INFORMATION: Synthetic construct

US-09-311-568A-2

Query March  

OHEN INFORMATION: Synthetic construct

US-09-311-568A-2

OHEN INFORMATION: Synthetic construct

OHEN INFORMATION: Synthetic construct

US-09-311-568A-2

OHEN INFORMATION: Synthetic construct

OF Matches  

OF Matches
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                                                                                              January 28, 2006, 06:23:49; Search time 12.3333 Seconds (without alignments) 10.536 Million cell updates/sec
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Sequence 24,
Sequence 1, Ag
Sequence 4, Ag
Sequence 24,
Sequence 24,
Sequence 24,
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Sequence 6, A
Sequence 1, A
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Sequence 6,
Sequence 8,
Sequence 79,
Sequence 8,
Sequence 8,
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2: /cgn2_6/ptodata/2/pubpaa/USO8 NEW PUB.pep:*

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8: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-10-209-208-4

US-10-209-208-4

US-10-209-208-24

US-11-218-880-1

US-11-218-880-1

US-11-218-880-2

US-11-218-880-2

US-11-218-880-2

US-11-100-988-3

US-11-100-988-3

US-11-100-988-3

US-11-100-988-3

US-11-100-988-3

US-11-100-988-3

US-11-100-988-5

US-11-100-988-5

US-10-209-208-6

US-10-209-208-6

US-10-209-208-6

US-11-218-880-8

US-11-218-880-8

US-11-118-880-8

US-11-100-988-5

US-11-100-988-5

US-11-100-988-5

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US-11-100-988-5

US-10-453-373-1112

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Maximum Match 100%
Listing first 45 summaries
                                                                OM protein - protein search, using sw model
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Maximum DB seq length: 200000000
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Match Length
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Perfect score:
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9, Appl	7, Appl	3, Appl	7, Appl	3, Appl	19, App	2, Appl	ce 30, Appl	1876, Ap	i, Appl	10, Appl	12, Appl	6426, Ap	7618, Ap	4010, Ap	.2, Appl	.6, Appl	11, App	360, Ap	i, Appli
Sequence 3	Seguence 2	Sequence 3	Sequence 2	Sequence 3	Sequence 1	Sequence 3	Sequence 3	Sequence 3	Sequence 5	Sequence 4	Sequence 3	Seguence 6	Seguence 7	Seguence 4	Seguence 1	Seguence 1	Sequence 3	Seguence 2	Seguence
US-11-016-706-39	US-11-179-411-27	US-11-179-411-33	US-11-175-766-27	US-11-175-766-33	US-11-010-239-119	US-11-102-883-32	US-11-102-883-30	US-10-467-657-3876	US-10-957-569-51	US-10-453-372-40	US-10-453-372-32	US-10-467-657-6426	US-10-467-657-7618	US-10-467-657-4010	US-11-073-605-12	US-11-076-164-16	US-10-485-517-311	US-10-793-626-2360	US-11-165-067A-5
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964	233	233	233	233	291	283	294	833	1015	3483	3546	626	626	34	119	221	251	258	278
54.7	53.1	53.1	53.1	53.1	53.1	51.6	51.6	51.6	51.6	51.6	51.6	50.8	50.8	50.0	50.0	50.0	50.0	50.0	50.0
35	34	34	34	34	34	33	33	33	33	33	33	32.5	32.5	32	32	32	32	32	32
56	27	28	53	30	31	32	33	34	5	36	37	38	39	40	41	4	. 4	4	45

ALIGNMENTS

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APPLICANT: Crameri, Reto
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Daigle, Isaballe
TITLE OF INVENTION: Modulat Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Uses Thereof
TITLE OF INVENTION: Uses Thereof
FILE REPERENCE: 03100234pa
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT APPLICATION NUMBER: US/2774.0
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: PCT/EP2003/011190
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 26, Application US/11102883
Sequence 26, Application No. US20050281816A1
CENERAL INFORMATION:
CENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Paigle, Isabelle
APPLICANT: Antigen Transporter Molecules (MAT Molecules) for TITLE OF INVENTION: Modulat Antigen Transporter TITLE OF INVENTION: Modulating Immune Reactions, Associated Constructs, Methods at TITLE OF INVENTION: Uses Thereof
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Best Local Similarity 100.0%; Pred. No. 0.00011;
Matches 12; Conservative 0; Mismatches 0; Indels
US-11-102-883-18
Sequence 18, Application US/11102883
Publication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Betula verrucosa
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Sequence 162, App Sequence 1112, App Sequence 442, App Sequence 550, App Sequence 93, Appl

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Tsien, Roger

APPLICANT: Tsien, Roger

TITLE OF INVENTION: FOR MAKING SAME

TITLE OF INVENTION: FOR MAKING SAME

FILE OF INVENTION NUMBER: 10/121,258

PRIOR FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 09/94,308

PRIOR PILING DATE: 2001-02-26

PRIOR PILING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 80

SOFTWARE: FASISEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 225
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US-10-209-208-4
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 71.9%; Score 46; DB 6; Best Local Similarity 88.9%; Pred. No. 0.24; Matches 8; Conservative 1; Mismatches
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88.9%; Pred. No. 0.24;
tive 1; Mismatches
    PRIOR APPLICATION NUMBER: 10/121,258
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature

LOCATION: (1)...(225)

COTHER INFORMATION: wild-type DsRed

US-10-209-208-1
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APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
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Best Local Similarity 88.9
Matches 8; Conservative
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                                                                                                                                                                                                                  LENGTH: 225
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Publication No. US20050281816A1

GENERAL INFORMATION

APPLICANT: Lamping, Norbert

APPLICANT: Crameri, Reto

APPLICANT: Fluckiger, Sabina

APPLICANT: Fluckiger, Sabina

APPLICANT: Pluckiger, Sabina

TITLE OF INVENTION: Modular Antigen Transporter Molecules) for

TITLE OF INVENTION: Wodels Thereof

FILE REFERENCE: 03100234pa

CURRENT APPLICATION NUMBER: E002-04-11

PRIOR FILING DATE: 2002-10-11

PRIOR FILING DATE: 2002-10-11

PRIOR FILING DATE: 2003-10-09

NUMBER OF SEQ ID NOS: 44

SOFTWARE: Patentin version 3.2

LENGTH: 300
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ORGANISM: Human immunodeficiency virus + Homo sapiens + Betula verrucosa
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taiten, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
FILE REPREBENCE: UC083.1CP2CP2
CURRENT APPLICAND NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 64; DB 7; Length 289; 100.0%; Pred. No. 0.0002; ive 0; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
FRIOR APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
LENGTH: 289
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Best Local Similarity 100.
Matches 12; Conservative
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; ORGANISM: tat-Ii-bet v 1
US-11-102-883-26
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Matches 12; Conserv
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US-11-102-883-6
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JOINTON TO THE REPERENCE OF THIS SAME

JETHICANT: Campbell, Roger

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

APPLICANT: Taien, ROGER

TITLE OF INVENTION: ROMNOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROJECT OF TOWNOMER: US/10/121,258

FRIOR APPLICATION NUMBER: US/10/121,258

FRIOR FILING DATE: 2002-04-10

FRIOR PILING DATE: 2002-04-10

FRIOR APPLICATION NUMBER: 09/794,308

FRIOR APPLICATION NUMBER: 09/794,308

FRIOR APPLICATION NUMBER: 09/794,308

FRIOR PILING DATE: 2001-02-26

FRIOR APPLICATION NUMBER: 09/794,308

FRIOR PILING DATE: 2001-05-26

FRIOR PILING DATE: 2001-05-26

FRIOR APPLICANTON NUMBER: 09/794,308

FRIOR FILING DATE: 2001-05-26

FRIOR PILING DATE: 2001-05-26

FRIOR FILING DATE: 2001-05-26
                                  APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
FILE REFERENCE: UCOS3.1CP2CP1
CURRENT APPLICATION NUMBER: US/11/218,880
CURRENT PILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR FILING DATE: 2002-04-10
PRIOR PILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 225
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pred. No. 0.24;
1; Mismatches 0; Indels
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Pest Local Similarity 88.9%; Pred. No. 0.24;
Matches 8; Conservative 1; Mismatches 0; Indels
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US-11-218-880-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; NAME/KEY: misc_feature
; LOCATION: (1)...(225)
; OTHER INFORMATION: wild-type DsRed
US-11-218-880-1
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88.9%;
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Best Local Similarity 88.5
Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
               APPLICANT: Tsien, Roger
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US-11-218-880-20
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LENGTH: 225
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US-11-218-880-4
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Sequence 24, Application US/10209208

Publication No. US20050244921A1

GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FLOORSCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FLOOR MAKING SAME
FILER REFREENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: 10/10/209,208
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 225
LENGTH: 226
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TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
FILLE REPERBERS: 10083.1CP2CP2
CURRENT APPLICATION UNDER: US/10/209,208
CURRENT PILING DATE: 2002-07-29
FRIOR PEPLICATION NUMBER: 10/121,258
FRIOR PELLING DATE: 2002-04-06,538
FRIOR PILING DATE: 2002-04-06,538
FRIOR PILING DATE: 2001-05-24
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-26
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-26
FRIOR PELLING DATE: 2001-05-26
FRIOR PILING DATE: 2001-05-26
FRIOR PILING DATE: 2001-05-26
FRIOR PILING DATE: 2001-02-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: DsRed with I125R
US-10-209-208-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Artificial Sequence
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Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
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Sequence 24, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:
APPLICANT: Campbell, Roger

APPLICANT: Campbell, Robert

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE REFERENCE: UC083.1CP2CP1

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2005-09-01

PRIOR PILING DATE: 2005-09-01

PRIOR PILING DATE: 2001-04.10

PRIOR PILING DATE: 2001-05-24

NUMBER: OF SEQ ID NOS: 78

SEQ ID NO 24

LENGTH: 225

MANDER: 225

CONTWARE: FASTES OF FOR Windows Version 4.0

SEQ ID NO 24
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Sequence 20, Application US/11218880
Publication No. US20060003420A1
GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE OF INVENTION: WONDER: US/11/218,880
CURRENT APPLICATION UNMER: US/11/218,880
CURRENT FILING DATE: 2005-0-01
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR PELING DATE: 2001-02-26
PRIOR PELING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE FREESO for Windows Version 4.0
SEQ ID NO 20
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Pred. No. 0.24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 88.9%;
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
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OTHER INFORMATION: wild-type red fluorescent protein based on Discosoma species
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Sequence 2, Application US/11100988
Publication No. US20060008878A1
GENERAL INFORMATION:
APPLICANT: 01.05, Benjamin S.
APPLICANT: Bevis, Brooke
APPLICANT: Bevis, Brooke
APPLICANT: Bevis, Brooke
APPLICANT: Bevis, MoNOMERS.
APPLICANT: Baker, David
APPLICANT: Baker, David
APPLICANT: Baker, 10 and 18.
APPLICANT: Baker, David
APPLICANT: Baker, 10 and 18.
APPLICANT: B
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APPLICANT: Strongin, Daniel E.
APPLICANT: Strongin, David
APPLICANT: Strongin, David
APPLICANT: Scalley-Kim, Michelle
TITLE OF INVENTION: MONOMERIC RED FLUORESCENT PROTEINS
FILE REPERENCE: 092234-9002-0801
CURRENT PILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: US 60/560,340
PRIOR APPLICATION NUMBER: US 60/560,340
PRIOR PLING DATE: 2004-04-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.2
SEQ ID NO 3
LENGTH: 225
TYPE: PRT
ORGANISM: Unknown
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; Sequence 6, Application US/10209208
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Best Local Similarity
Matches 8; Conserva
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Matches 8; Conserv
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ORGANISM: Unknown
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US-11-218-880-6

i Sequence 6, Application US/11218880

sequence 7, Application US/11218880

publication No. US20060003420A1

GENERAL INFORMATION:
TYLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE OF INVENTION: PROTEIN VUMBER: US/11/218,880

CURRENT APPLICATION NUMBER: US/10/121,258

PRIOR PELING DATE: 2005-09-01

PRIOR PELING DATE: 2001-02-26

PRIOR PELING DATE: 2001-02-26

PRIOR PELING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 6

LENGTH: 226

TYPE: PRI
TYPE: P
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Genérey Baird
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083_1CP2CP2
CURRENT FILING DATE: 2002-07-29
FRIOR PILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 226
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US-10-209-208-6
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Best Local Similarity 88.9
Matches 8; Conservative
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84 KKLSFPEGF 92
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Search completed: January 28, 2006, 06:44:47

Sequence 5, Appli Sequence 9, Appli Sequence 92, Appli Sequence 37, Appli Sequence 1, Appli Sequence 7, Appli Sequence 7, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 12, Appli Sequence 11, Appli Sequence 11, Appli

Sequence

Sequence 12, Sequence 15,

Title: Perfect score:

Sequence:

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Run on:

Scoring table:

Searched:

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APPLICANT: VRIALA, Susanne
APPLICANT: VRTALA, Susanne
APPLICANT: VRTALA, Susanne
APPLICANT: VRAGELISTA, Luca
APPLICANT: SPERR, Wolfgang R.
APPLICANT: SPERR, Wolfgang R.
APPLICANT: GRONLOWD, Hans
APPLICANT: GRONLOWD, Hans
TITLE OF INVENTION ON ANABHYLACTIC FORMS OF ALLERGENS AND THEIR USE
FILE REPERENCE: 1614-251P
CURRENT FILING DATE: 2001-07-07
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PALENTIN OF SEQ ID NOS: 21
SOFTWARE: PALENTIN OF: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/10026911
; Sequence 3, Application US/10026911
; Publication No. US20030078201A1
; GENERAL INFORMATION:
; APPLICANT: Pocke, Margarete
; APPLICANT: Sperr, Wolfgang R.
; APPLICANT: Walent, Peter
; APPLICANT: Valent, Peter
; APPLICANT: Valent, Redolf
; TITLE OF INVENTION: Allergy Vaccines and Their Preparation
; FILE REFERENCE: 0273-0005
; CURRENT APPLICATION NUMBER: US/10/026,911
; CURRENT FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 64; DB 3; Length 12; 100.0%; Pred. No. 0.00031;
US-10-001-245-3

US-10-001-245-4

US-10-001-245-9

US-10-001-245-9

US-10-001-245-9

US-10-001-245-9

US-10-001-245-1

US-10-440-516-1

US-10-440-516-1

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US-10-440-516-1
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                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 20, Application US/09897042; Patent No. US20020018779A1; GENERAL INFORMATION:
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12; Conservative
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                                                                                                                                                                                                                                                                                                                                                        US-09-897-042-20
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Best Local S
Matches 12
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62.937 Million cell updates/sec
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Sequence 87,
Sequence 44,
Sequence 45,
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Sequence 6, P
Sequence 47,
Sequence 2, P
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                                                                                                          ; Search time 79.6667 Seconds
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Seguence 39,
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Sequence 37
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

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                        GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-10-799-514-5

US-09-981-009B-1

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US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-09-957-806A-6

US-10-440-516-4

US-10-440-516-5

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-799-514-1

US-10-799-514-1

US-10-440-516-44

US-10-799-514-1

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US-10-799-514-1

US-10-440-516-44

US-10-799-514-1

US-10-440-516-44

US-10-799-514-1

US-10-440-516-44

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                                                                                                                                                                                                                                                                      1867569 seqs, 417829326 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                              protein search, using sw model
                                                                                                           January 28, 2006, 06:23:08
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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US-10-799-514-5
; Sequence 5. Application US/10799514
; Publication No. US20040241178A1
; GENERAL INFORMATION:
; APPLICANT: Spertini, Francois
; APPLICANT: Corthesy, Blaise
; TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
; FILE REFERENCE: 25720-502
; CURRENT APPLICATION NUMBER: US/10/799,514
; CURRENT FILING DATE: 2004-03-12
; PRIOR FILING DATE: 2004-03-12
; PRIOR FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CTHER INFORMATION: Description of Artificial Sequence: Synthetic protest INFORMATION: Peptide US-10-799-514-5
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100.0%; Score 64; DB 5; Length 125;
Best Local Similarity 100.0%; Pred. No. 0.0038;
Matches 12; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 0.00086;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: solvent-exposed peptide US-10-026-911-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09981009B
Publication No. US20030041354A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kjacrulff, Soren
APPLICANT: Roggen, Erwin
TITLE OF INVENTION: Transgenic Plants
FILE REFERENCE: 10062.200-US
CURRENT APPLICATION NUMBER: US/09/981,009B
CURRENT FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Version 3.1
SEQ ID NO
IENGTH: 159
TYPE: PRT
COGGALISM: Betula pendula
                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 31
                                                                                                                                                                                                                                                                                                               1 TIKKISFPEGFP 12
                                                                                                                                                                                                                                                                                                                                     S TIKKISFPEGFP 16
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US-09-981-009B-1
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LENGTH: 125
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DB 3; Length 159;

100.0%; Score 64;

Query Match

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                                                                                                                                                                                                                                    Sequence 34, Application US/09847208
; Sequence 34, Application US/09847208
; Publication No. US20030082190A1
; GENERAL INFORMATION:
; APPLICANT: Saxon, Andrew
; APPLICANT: Stang, Ke
; APPLICANT: Zhang, Ke
; TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
; TITLE OF INVENTION: EUSION MOLECULES AND TREATMENT OF
; TITLE OF INVENTION: 1gE-MEDIATED ALLERGIC DISEASES
; FILE REPERENCE: UC67.002A
; CURRENT APPLICATION NUMBER: US/09/847,208
; CURRENT FILING DATE: 2001-05-01
; NUMBER OF SEQ ID NOS: 177
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 64; DB 3; Length 159; Best Local Similarity 100.0%; Pred. No. 0.0049; Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 0.0049;
tive 0; Mismatches 0; Indels
Best Local Similarity 100.0%; Pred. No. 0.0049; Matches 12; Conservative 0; Mismatches 0; Indels
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US-09-847-208-38
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Sequence 38, Application US/09847208

Publication No. US20030082190A1

GENERAL INPORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
FILE REFERENCE: UC67.002A

CURRENT PTLING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 177

SOFTWARET FILING DATE: ReatSEQ for Windows Version 4.0
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US-09-847-208-40
S-09-847-208-40
Publication No. US20030082190A1
GENERAL INFORMATION:
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                                                                          1 TIKKISFPEGFP 12
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Best Local Similarity
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US-09-847-208-34
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TYPE: PRT
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Gaps

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ORGANISM: Betula verrucosa
FRATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (1). (159)
OTHER INFORMATION: Point mutated Bet v 1 allergen (amino acid deletion of residue
OTHER INFORMATION: G111)
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Best Local Similarity 100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0049;
Matches 12; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-440-516-2
Sequence 2, Application US/10440516
Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Holm, Jens
TILE OF INVENTION: Albergen mutants
FILE REFERENCE: 04305/100446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
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SOFTWARE: Patentin version 3.2
SEQ ID NO 3
LENGTH: 160
TYPE: PRT
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SOFTWARE: PatentIn version 3.2
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LENGTH: 160
TYPE: PRT
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US-10-440-516-3
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| Sequence 6, Application US/09957806A
| Publication No. US20050181446A1
| GENERAL INFORMATION:
| APPLICANT: Roagen, Erwin
| APPLICANT: Renat, Steffen
| APPLICANT: Svendsen, Allan
| APPLICANT: Svendsen, Allan
| APPLICANT: Pris, Ebben
| APPLICANT: Pris, Ebben
| APPLICANT: PROFIN: Svendsen, Allan
| APPLICANT: PROFIN: Laus
| TILL OF INVENTION: PROTEIN VARIANTS HAVING MODIFIED IMMUNOGENICITY
| TILL REPERENCE: 10021.204-US
| CURRENT APPLICATION NUMBER: US/09/957,806A
| WUMBER OF SEQ ID NOS: 248
| SOFTWARE: Patentin version 3.1
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                      APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 19C67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 40
LENGTH: 159
TYPE: PRT
TYPE: PRT
TYPE: PRT
CORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-40
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Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Holm, Jens
TITLE OF INVENTION: Allergen mutants
TITLE REFERENCE: 04305/1001446-US1
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2003-05-16
NUMBER OF FILING DATE: 2002-05-16
NUMBER OF FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 47
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Best Local Similarity 100.
Matches 12; Conservative
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Best Local Similarity 100.
Matches 12; Conservative
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APPLICANT: Saxon, Andrew
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US-10-440-516-47
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; LOCATION: (1)..(160)
; OTHER INFORMATION: Point mutated Bet v 1 allergen
US-10-440-516-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/10440516;
Sequence 7, Application US/10440516;
Publication No. US20040043438A1;
GENERAL INFORMATION:
APPLICANT: Holm, Jens
FILE REFERENCE: 04305/1001446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                US-10-440-516-6

Sequence 6, Application US/10440516

Sequence 6, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:
APPLICANT: Ferreras Mercedes
TITLE OF INVENTION: Albergen mutants
FILE REFERENCE: 04305/100L446-US1

CURRENT APPLICATION NUMBER: US/0/440,516

CURRENT FILING DATE: 2003-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SOGTWARE: Patentin version 3.2

SEQ ID NO 6

LENGTH: 160

TYPE: PRT
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Best Local Similarity 100.
Matches 12; Conservative
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Matches 12; Conservative
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52 TIKKISFPEGFP 63
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US-10-440-516-7
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  100.0%; Score 64; DB 4; Length 160; 100.0%; Pred. No. 0.0049; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: MISC_FEATURE
; LOCATION: (1)._(160)
; OTHER INFORMATION: Point mutated Bet v 1 allergen
US-10-440-516-4
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LOCATION: (1)..(160)

OTHER HONAUTION: Point mutated Bet v 1 allergen
US-10-440-516-5
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US-10-440-516-5

Sequence 5, Application US/10440516

Publication No. US2004004343841

GENERAL INFORMATION:

APPLICANT: Holm, Jens

TITLE OF INVENTION: Allergen mutants

FILE REFERENCE: 04305/1001446-US1

CURRENT APPLICATION NUMBER: US/10/440,516

CURRENT PELING DATE: 2003-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SOFTWARE: Patentin version 3.2

LENGTH: 160

TYPE: PRI
                                                                                                                                                                                                         Sequence 4, Application US/10440516;
Bublication No. US20040043438A1;
GENERAL INFORMATION:
APPLICANT: Holm, Jens
APPLICANT: Ferreras Mercedes
TITLE OF INVERTION: Allergen mutants
FILE REFERENCE: 04305/100L446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR APPLICATION NUMBER: US 60/381,440
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Betula verrucosa
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ORGANISM: Betula verrucosa
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Matches 12; Conservative
                                           12; Conservative
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  Query Match
Best Local Similarity
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Job time : 79.6667 secs

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Sequence 611, App Sequence 340, App Sequence 8, Appli Sequence 110, App

8, Appli 110, Appli 1, Appli 4, Appli 2898, Ap 5167, Ap

Sequence Sequence Sequence Sequence

Sequence:

Run on:

Searched:

Database

Result

Sequence 5345,

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us-uv-cs,
Sequence 23, Application US/07847010
Patent No. 5693455
GENERAL INFORMATION:
APPLICANT: Breiteneder, Heimo
APPLICANT: Reiterstorfer, Arnold
APPLICANT: Reiterstorfer, Arnold
APPLICANT: Reiterbach, Michael
APPLICANT: Reiterbach, Michael
APPLICANT: Rreitenbach, Michael
APPLICANT: Rreitenbach, Michael
APPLICANT: Rreitenbach, Michael
APPLICANT: Scheiner, Otto
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Applications Thereof
TITLE OF INVENTION: Applications Thereof
MUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STEET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FLING DATE: 01-JUN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JONES III, HATTY C
REGISTRATION NUMBER: 6530-010
REFERENCE/DOCKET NUMBER: 6530-010
TELEPHONE: (212) 790-9090
US-08-676-444-5
US-09-136-574A-44
US-09-861-451A-44
US-09-861-451A-44
US-08-120-456A-37
US-09-18-456A-37
US-09-949-016-7144
US-09-18-452A-1212
US-09-149-476-340
US-09-149-476-340
US-09-599-360B-8
US-09-599-360B-10
US-08-863-3010-11
US-08-911-434A-4
US-09-131-10-2898
US-09-313-5167
US-09-328-352-5345
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     793
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125
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MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: ami:
TOPOLOGY:
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US-07-847-010-23
     \mathcal{L}_{\mathcal{L}}
       Sequence 12, Appl
Sequence 12, Appl
Sequence 2, Appli
Sequence 14528, A
Sequence 175, App
Sequence 175, App
Sequence 175, App
Sequence 160, App
Sequence 145, App
Sequence 132, App
Sequence 131, App
Sequence 1312, App
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                                                                                                                                   January 28, 2006, 06:20:07; Search time 18.6667 Seconds (without alignments) 53.149 Million cell updates/sec
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/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
                            GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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US-09-865-291-12
US-10-15-296-13
US-09-248-796A-14528
US-09-205-658-194
US-09-205-658-159
US-09-205-658-159
US-09-205-658-159
US-09-205-658-159
US-09-205-658-159
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US-09-205-658-160
US-09-205-658-160
US-09-301-212-145
US-09-381-212-145
US-09-381-212-145
US-09-381-212-145
US-09-381-212-145
US-09-381-212-145
US-09-381-212-145
US-09-381-212-145
US-09-107-532A-5318
US-09-134-000C-5262
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US-08-688-988-10
US-08-468-558-5
                                                                                                                                                                                                                                                                                                                                                572060 segs, 82675679 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                  OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0 Maximum DB seq length: 2000000000
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                                                                                                                                                                                                              US-09-897-042-20
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Match Length DB
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709
384
300
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434
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53 TIKKITFPEGSP 64
                                                                                US-09-866-538-12
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                                                                                                        Length 160;
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                                                                                                                                             0; Indels
                                  LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Reiherstorfer, Arnold
APPLICANT: Valenta, Nudolf
APPLICANT: Hoffmann - Sommergruber, Karin
APPLICANT: Breitenbach, Michael
APPLICANT: Rraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Perreira, Patima
TITLE OF INVENTION: Albergens of Alder Pollen and
TITLE OF INVENTION: Applications Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jones III, Harry
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
TELECOMMUNICATION INFORMATION:
                                                                                                      Score 64; DB 1; I
Pred. No. 0.00029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Mismatches
                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:

(212) 790-9090

IELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids

TYPE: amino acid

TOPOLOGY: lingth
                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/07847010 Patent No. 5693495
  birch (Betula sp.)
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                                                                                                      100.0%;
                                                                                                        Query Match
Best Local Similarity 100.
Matches 12; Conservative
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MOLECULE TYPE: peptide
HYPOTHETICAL: NO
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & 1
ORGANISM: bir
IMMEDIATE SOURCE
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Gaps

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1 TIKKISFPEGFP 12

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; Sequence 12, Application US/09865291
; Sequence 12, Application US/09865291
; Patent No. 6900304
; Patent No. 6900304
; Patent No. 6900304
; APPLICANT: REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: TSIEN, Roger
; APPLICANT: TING, Alice
; APPLICANT: ZHANG, Jin
; TITLE OF INVENTION: EMISSION RATIOMETRIC INDICATORS OF PHOSPHORYLATION
; FILLE REPERENCE: REGENIS, OF CURRENT APPLICATION NUMBER: US/09/865,291
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 12
; LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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; Sequence 2, Application US/10152296
; Sequence 2, Application US/10152296
; Patent No. 6723537
; GENERAL INFORMATION:
; APPLICANT: Peelle, Beau
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; TITLE OF INVATION: Directed Evolution of Protein in Mammalian Cells
; FILE REFERENCE: 021044-000110US
; CURRENT APPLICATION NUMBER: US/10/152,296
; CURRENT FILING DATE: 2002-12-10
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Sequence 12, Application US/0986538;
Patent No. 6852849;
GENERAL INFORMATION:
APPLICANT: REGENTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION:
TITLE OF INVENTION: NON-OLICOMERIZING FLUORESCENT PROTEINS
FILE REFERENCE: REGENTS 0-0.
CURRENT APPLICATION NUMBER: US/09/866,538;
CURRENT FILING DATE: 2001-05-24;
NUMBER OF SEQ ID NOS: 29;
SOFTWARE: PATENT OF SEQ ID NOS: 29;
SEQ ID NO 12.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 46; DB 2; Length 225; Pred. No. 0.97;
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                                                                                                                                                                                                                                                                                                                                                                                                                                   71.9%;
88.9%;
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88.9%;
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CRGANISM: Discosoma sp.
US-09-866-538-12
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83 KKLSFPEGF 91
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Best Local Similarity
Matches 8; Conser
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Best Local Similarity
Matches 8; Conserv
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; Sequence 175, Application US/09205658
; Patent No. 6861266
; GENERAL INFORMATION:
APPLICANT: NUVAUN, GATY
; APPLICANT: NUVAUN, GATY
; TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
; TITLE OF INVENTION: UMPAIRED GLUCOSE TOLERANCE CONDITIONS
; TITLE OF INVENTION: UMPAIRED GLUCOSE TOLERANCE CONDITIONS
; FILE REFERENCE: 00786/351004
; CURRENT APPLICATION NUMBER: US/09/205,658
; GARLIER PILING DATE: 1998-12-03
; EARLIER PILING DATE: 1997-07-07
; BARLIER FILING DATE: 1997-07-07
; BARLIER FILING DATE: 1998-05-15
; NUMBER: O SEQ ID NOS: 328
; SOFTWARE: FRESENCE IN WINDER: US/09/1080
; SEQ ID NO 175
: LENGTH: 122
                                                                                                                                                                                                                                                                     FALLER IN NO. 90204.20.

GENERAL INFORMATION:

APPLICANT: OGG, SCOCT

TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR

TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR

TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS

FILE REFERENCE: 00786/351004

CURRENT FILING DATE: 1998-12-03

EARLIER FILING DATE: 1997-05-15

NUMBER OF SEQ ID NOS: 328

SOFTWARE: FALSE PRICATION UNDER: 0596/10080

EARLIER FILING DATE: 1998-05-15

NUMBER OF SEQ ID NOS: 328

LENGTH: 98

LENGTH: 98
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Length 514;
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Pred. No. 3.4;
2; Mismatches 0;
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Score 42; DB 2;
Pred. No. 14;
                                         2; Mismatches
                                                                                                                                                                                                                                Sequence 194, Application US/09205658 Patent No. 6861256
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US-09-205-658-175
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56.2%;
65.6%;
63.6%;
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59 LKRIQELDFSPPEGFP 74
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Best Local Similarity 56.2
Matches 9; Conservative
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Matches 9; Conservative
                                           7; Conservative
                                                                                       1 TIKKISFPEGF 11
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32 TLSRASFPEGF 42
  Query Match
Best Local Similarity
Matches 7; Conserv
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US-09-205-658-175
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APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 107196-113
CURRENT APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 14528
LENGTH: 431
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                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:mammalian OTHER INFORMATION: codon-optimized variant (Dereb) of Discosoma sp., CTHER INFORMATION: "red" red fluorescent protein (RFP) US-10-152-286-2
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US-08-68-988-35
Sequence 35, Application US/0868998B
Patent No. 6096545
GREERAL INFORMATION:
APPLICANT: Lefebvre, Daniel D.
TITLE OF INVENTION: PHOSPHATE STARVATION-INDUCIBLE PROTEINS
TILE REPERENCE: PPL96-03
CURRENT APPLICATION WUMBER: US/08/688,988B
CURRENT FILING DATE: 1996-07-31
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 45; DB 2; Length 431;
Pred. No. 3.1;
                                                                                                                                                                                                                                                                                                          Score 46; DB 2; Length 240;
Pred. No. 1;
1; Mismatches 0; Indels
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  PRIOR APPLICATION NUMBER: US 60/291,871
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 14528, Application US/09248796A Patent No. 6747137
                                                                                                                                                                                                                                                                                                                 71.9%;
88.9%;
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                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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117 TIRKETLPEGFP 128
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                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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Matches 8; Conservative
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US-08-688-988-35
                                                                                                                                                                                                                                                                                                                                                                                                                                 ||:||||||
84 KKLSFPEGF 92
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US-09-248-796A-14528
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319 LKRIQELDFSFPEGFP 334

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; ORGANISM: Homo sapiens
US-09-489-847-273
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Sequence 160, Application US/09205658

GENERAL INFORMATION:
APPLICANT: Ruvkun, Gary
APPLICANT: Ruvkun, Gary
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: UNPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
CURRENT APPLICATION NUMBER: US/09/205,658
FARLIER APPLICATION NUMBER: 08/857,076
EARLIER FILING DATE: 1998-105-15
EARLIER FILING DATE: 1997-05-15
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FELLING DATE: 1998-05-15
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FELLING ON WINDOWS VERSION 4.0
SEQ ID NO 160
LENGTH: 636
                                                                                                                                                                                                                                              APPLICANT: RUVKHI, Gary
APPLICANT: RUVKHI, Gary
APPLICANT: Ogg, SCOCK
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
CURRENT APPLICATION NUMBER: US/09/205,658
CURRENT PILLING DATE: 1998-12-03
EARLIER APPLICATION NUMBER: 08/8857,076
EARLIER PILLING DATE: 1997-05-15
EARLIER PILLING DATE: 1997-05-07
EARLIER APPLICATION NUMBER: 08/888,534
EARLIER PILLING DATE: 1998-05-15
NUMBER OF SEQ ID NOS: 328
SOUTHWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 159
LENGTH: 632
                                                                                                                                               US-09-205-658-159
; Sequence 159, Application US/09205658
Patent No. 6861256
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 IKKI-----SFPEGFP 12
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29 LKRIQELDFSFPEGFP 44
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US-09-205-658-160
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APPLICANT: Hall, Jeff G.
APPLICANT: Hall, Andrea L.
APPLICANT: Brow, Mary Ann D.
TITLE OF INVENTION: Betection Of Nucleic Acids By Multiple
TITLE OF INVENTION: Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Prancisco
CITY: San Prancisco
STRYE: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .;
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SCHAMES: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,516
FILING DATE: 24-MAR-1997
                                                                     GENERAL INFORMATION:
APPLICANT: Rosen et al
TITLE OF INVENTION: 98 Human Secreted Proteins
FILE OF INVENTION: 98 Human Secreted Proteins
GURRENT APPLICATION NUMBER: US/09/489,847
EARLIER PILING DATE: 1999-07-29
EARLIER FILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-08-65
EARLIER APPLICATION NUMBER: 60/096,319
EARLIER FILING DATE: 1998-08-12
EARLIER FILING DATE: 1998-08-12
EARLIER FILING DATE: 1998-08-12
EARLIER FILING DATE: 1998-08-66
EARLIER FILING DATE: 1998-08-66
EARLIER FILING DATE: 1998-08-66
EARLIER FILING DATE: 1998-08-06
EARLIER FILING DATE: 1098-08-06
EARLIER FILING DATE: 1098-08-06
EARLIER PILING DATE: 1098-
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25;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: PCT/US97/01072
21-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94104
COMPUTER READABLE FORM:
REDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-823-516-145; Sequence 145; Application US/08823516; Patent No. 5994069; GENERAL INFORMATION:
; Sequence 273, Application US/09489847; Patent No. 6476195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           62.5%;
50.0%;
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Best Local Similarity 50.v.
6; Conservative
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234 TLMSANYPEGFP 245
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APPLICATION NUMBER: P
FILING DATE: 21-JAN-1
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Patent No. 6872816

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GENERAL INFORMATION:

APPLICANT: Hall, Jeff G.

Lyamichev, Victor I.

Mast, Andrea L.

Brow, Mary Ann D.

TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 190

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                          STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER: TADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC Compatible
COMPARE: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE: 08-Feb-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     62.5%; Score 40; DB 2; Length 434; 70.0%; Pred. No. 27; 2; Indels :ive 1; Mismatches 2; Indels
                                                                                                                                                                                                      ADDRESSEE: Medden & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION : COLMINGWILS
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/US97/01072
PILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 24-JAN-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-MAR-1996
APPLICATION NUMBER: US 08/593,516
FILING DATE: 24-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03295
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPHONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 145:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 145:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Search completed: January 28, 2006, 06:24:30 Job time : 18.6667 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 434 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 70.0
Matches 7; Conservative
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Pred. No. 27;
1; Mismatches 2; Indels
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Pred. No. 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 145, Application US/09940244
; Sequence 145, Application US/09940244
; Patent No. 6692917
; GENERAL INFORMATION:
    APPLICANT: Nert, Bruce P.; APPLICANT: Hall, Jeff G.
    APPLICANT: Lyamichev, Victor
    APPLICANT: Smith, Lloyd M.
    TITLE OF INVENTION: Reactions on Dendrimers
    FILE REFERENCE: FORS-06478
    CURRENT PAPLICATION NUMBER: US/09/940,244
    CURRENT FILING DATE: 2002-05-06
    NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                          NAME: Ingolia, Diane E.
REGISTRATION VUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMUNICATION INFORMATION:
TELEPAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 145: SEQUENCE CHARACTERISTICS:
  PRIOR PEPLICATION DATE:

PRIOR DATE: 02-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/758,314

FILING DATE: 02-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/756,386

FILING DATE: 29-NOV-1996

FILING DATE: 29-NOV-1996

PRIOR APPLICATION NUMBER: US 08/682,853

FILING DATE: 12-UUL-1996

PRIOR APPLICATION NUMBER: US 08/692,853

FILING DATE: 12-UUL-1996

PRIOR APPLICATION NUMBER: US 08/59,491

ATTORNEY AGENT INFORMATION:

APPLICATION NUMBER: US 08/59,491

FILING DATE: 24-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: Cunninghamella elegans
US-09-940-244-145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 434 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     62.5%;
70.0%;
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Best Local Similarity 70.0'
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Best Local Similarity 70.0
Matches 7; Conservative
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274 KKYNFPVGFP 283
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               274 KKYNFPVGFP 283
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US-09-381-212-145
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Sequence 145, Application US/09381212

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January 28, 2006, 06:23:49 ; Search time 12.3333 Seconds (without alignments) 10.536 Million cell updates/sec
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1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          75621 seqs, 10829074 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                          OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                        Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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DB I	7 T	7	7	7	7	7	7	9	9	9	9		9	7	7	7	7	7	7	_	,		_			
	2	6	00	m	294	8	80	6	2	52	22	52	22	Š	22	22	22	55	52	9	9)	8	8 4	8 4 7	8 4 7
Length	172	28	30	28	29	37	9	17	28	22	22	22	22	5	52	22	5	2	7	22	2		5	548 674	0 0 0	54 67 67
* Query Match	0.00	0.0	0.0	5.6	65.6	56.2	6.2	54.7	4.7	53.1	3.1	3.1	3.1	3.1	3.1	13.1	13.1	3.1	3.1	13.1	13.1		3.1			m m m
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Score	64	64	64	42	42	36	36	35	35	34	34	34	34	34	34	34	34	34	34	34	4		34.	3 8 6	. W W W	3 3 3 5 4 4 4
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US-10-055-877-318 US-11-147-109-10 US-11-052-554A-140	US-10-793-626-3004 US-11-024-959-455 US-10-624-932-10 US-11-147-047-48		US-11-14/-04/-49 US-11-145-631-5 US-10-453-372-38 US-10-453-372-36	US-10-453-372-34 US-10-453-372-62 US-10-453-372-64 US-10-453-372-42	US-10-453-372-40 US-10-453-372-32
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53.1 53.1	51.6 51.6 51.6 51.6	51.6 51.6 51.6	51.6 51.6 51.6 51.6	51.6 51.6 51.6	51.6
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26 27 28	33 33 35 35 35 35 35 35 35 35 35 35 35 3	23 24 24 25	38 38 38 38	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4

ALIGNMENTS

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APPLICANT: Crameri, Retoc.
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Daigle, Isabella
TITLE OF INVENTION: Modularing Immune Reactions, Associated Constructs, Methods and TITLE OF INVENTION: Uses Thereof
TITLE OF INVENTION: Uses Thereof
FILE REFERENCE: 01100214pa
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-1
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
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Sublication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Antigen Transporter Molecules (MAT Molecules) for TITLE OF INVENTION: Modular Antigen Transporter TITLE OF INVENTION: Modular Antigen Transporter TITLE OF INVENTION: Uses Thereof
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US-11-102-883-18
; Sequence 18, Application US/11102883
; Publication No. US20050281816A1
; GENERAL INFORMATION:
; APPLICANT: Lamping, Norbert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Betula verrucosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.
Best Local Similarity 100.
Matches 12; Conservative
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Gaps

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APPLICANT: Crameri, Reto
APPLICANT: Crameri, Reto
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Babele
TTILE OF INVENTION: Modular Antigen Transporter Molecules (WAT Molecules) for
TITLE OF INVENTION: Modularing Immune Reactions, Associated Constructs, Methods and
TITLE OF INVENTION: Uses Thereof
TITLE OF PAPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
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1.1;
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APPLICANT: BRETZEL, Werner
APPLICANT: HUMBELLIN, Markus
APPLICANT: LOPEZ-ULIBARRI, Rual
APPLICANT: MAYER, Anne F.
APPLICANT: YELISEEV, Alexei A.
TITLE OF INVENTION: IMPROVED ISOPRENOID PRODUCTION
FILE REPERBUCE: C38438/121966
CURRENT APPLICATION NUMBER: US/11/129,143
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
PRIOR APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
LENGTH: 283
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Pred. No. 1.1;
3; Mismatches
                                                                                                                                                                                                                                                                                                                            Score 42; DB 7
Pred. No. 1.1;
3; Mismatches
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Publication No. US20050266518A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 30, Application US/11102883
; Publication No. US20050281816A1
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58.3%;
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 30
                                                                                                                                                                                                                                                                                                                            65.6%;
58.3%;
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US-11-102-883-30
                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 58..
7; Conservative
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Best Local Similarity 58..
7; Conservative
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US-11-102-883-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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Sequence 6, Application US/11102883

Publication No. US20050281816A1

SERBRAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Cramerit, Reco
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules)
TITLE OF INVENTION: Modular Antigen Transporter Molecules) for
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules)
TITLE OF INVENTION: Modular Antigen Transporter Molecules)
TITLE OF INVENTION: Uses Thereof
FILE REPERBENCE: 031002340a

CURRENT FILING DATE: 2005-04-11
PRIOR FILING DATE: 2005-04-11
PRIOR FILING DATE: 2003-10-01

PRIOR FILING DATE: 2003-10-01

NUMBER OF SEQ ID NOS: 44

SEQ ID NO 6

LENGTH: 300
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APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Didje, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Modularing Immune Reactions, Associated Constructs, Methods and
TITLE OF INVENTION: Uses Thereof
FILE REPERENCE: 03100234pa
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US-11-102-883-6
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                                                                                                                                                                                                                                                                                                                                                    Length 289;
                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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Pred. No. 9.7e-05;
       ; FILE REFERENCE: 03100234pa
; CURRENT APPLICATION NUMBER: US/11/102,883
; CURRENT FILING DATE: 2005-04-11
; PRIOR APPLICATION NUMBER: EP02022774.0
; PRIOR FILING DATE: 2002-10-11
; PRIOR FILING DATE: 2003-10-09
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin version 3.2
; LENGTH: 289
                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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Publication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
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Best Local Similarity 100.0%;
Matches 12; Conservative 0.
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Best Local Similarity 100.
Matches 12; Conservative
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US-11-102-883-26
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US-11-102-883-6
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Mismatches
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Sequence 88, Application US/10714887
Sequence 88, Application US/10714887
SEMENAL INFORMATION:
APPLICANT: Mendel Biotechnology, Inc.
APPLICANT: RIECHMANN, Jose Luis
APPLICANT: RIECHMANN, ASSELLIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-821-234-983; Sequence 983, Application US/10821234; Publication No. US20050255114A1; GENERAL INFORMATION:
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Best Local Similarity 45.5
Matches 5; Conservative
   5; Conservative
                                                                                           239 PGKVEEVSLPE 249
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66 PSSLDKLNFPE 76
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ORGANISM: Glycine max
Matches
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APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Millenneon, Reith E.
APPLICANT: While, David
APPLICANT: Williamson, Mark W.
APPLICANT: Meyers, Rachel E.
APPLICANT: Cook, William James
APPLICANT: Carcol, Joseph M.
APPLICANT: Carcol, William Journal Molecules and Uses THEREPOR
TITLE OF INVENTION: 55092 AND 10218 MOLECULES AND USES THEREPOR
TITLE OF INVENTION: 55092 AND 10218 MOLECULES AND USES THEREPOR
FILE REFREENCE: MID103 02100414
PRIOR PILLING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: 09/426,282
PRIOR FILLING DATE: 1999-10-25
PRIOR FILLING DATE: 1999-06-11
PRIOR FILLING DATE: 2000-09-22
PRIOR FILLING DATE: 2000-01-28
PRIOR FILLING DATE: 2000-01-28
PRIOR FILLING DATE: 2000-01-29
PRIOR FILLING DATE: 2001-05-16
PRIOR FILLING DATE: 2001-10-31
PRIOR FILLING DATE: 2001-10-31
PRIOR FILLING DATE: 2001-12-06
PRIOR PRILING DATE: 2001-12-06
PRIOR FILLING DATE: 2001-12-06
PRIOR PRILING DATE: 2001-12-06
PRIOR PR
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                                                                                                                                                                                                                                                              Query Match 56.2%; Score 36; DB 7; Length 378; Best Local Similarity 50.0%; Pred. No. 19; Matches 6; Conservative 1; Mismatches 5; Indels
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CATION: (1)...(608)
COTHER INFORMATION: Xaa = Any Amino Acid
US-11-226-701-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 8, Application US/11226701 Publication No. US20060009632A1 GENERAL INFORMATION:
         2005-05-13
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45.5%;
      CURRENT FILING DATE: 2005-05-1
NUMBER OF SEQ ID NOS: 197
SOFTWARE: Patentin version 3.1
SEQ ID NO 49
LENGTH: 378
TYPE: PRT
                                                                                                                                                                     ; ORGANISM: Paracoccus sp. R114
US-11-129-143-49
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Best Local Similarity
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LENGTH: 608
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PRIOR APPLICATION NUMBER: 10/412,699
PRIOR PILLING DATE: 2003-04-10
PRIOR PILLING DATE: 2003-04-10
PRIOR FILLING DATE: 2000-02-17
PRIOR PELICATION NUMBER: 09/506,720
PRIOR FILLING DATE: 1999-05-20
PRIOR FILLING DATE: 1999-09-13
PRIOR FILLING DATE: 1999-09-13
PRIOR FILLING DATE: 1999-09-13
PRIOR PILLING DATE: 2000-03-22
PRIOR FILLING DATE: 2000-03-22
PRIOR FILLING DATE: 2000-03-22
PRIOR FILLING DATE: 2000-03-22
PRIOR PILLING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/533,030
PRIOR PILLING DATE: 2000-11-16
PRIOR PI
APPLICANT: CANALES, ROGER
APPLICANT: REBETTI, Peter
APPLICANT: RUBETTI, Peter
APPLICANT: RUBETTI, Peter
APPLICANT: GUTTERSON, Neal
APPLICANT: REUBER, T. Lynne
APPLICANT: PINEDA, Omalia
APPLICANT: SHERNAN, Bradley K
TITLE OF INVENTION: PLANT TRANSCRIPTIONAL REGULATORS OF DROUGHT STRESS
FILE REFERENCE: MBIO058-CIP
CURRENT APPLICATION NUMBER: 105/10/714,887
CURRENT FILING DATE: 2003-11-13
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; OTHER INFORMATION: G3643 polypeptide Orthologous to G47
US-10-714-887-88
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Pred. No. 13;
4; Mismatches
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JERUSTAL INFORMATION:

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

APPLICANT: Geoffrey Baird

TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS

TITLE OF INVENTION: FOR MAKING SAME

TITLE OF INVENTION: FOR MAKING SAME

FILE REFERENCE: UCOB3.1CP2C29

CURRENT APPLICATION NUMBER: US/10/209,208

PRIOR APPLICATION NUMBER: 10/121,258

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-26

NUMBER OF SEQ ID NOS: 80

SOFTWARE: FastSEQ for Windows Version 4.0

FEATURE OF SEQ ID NOS: 80
APPLICANT: Campbell, Robert

APPLICANT: Geoffrey Baird

TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT PILING DATE: 2002-07-29
FRIOR FILING DATE: 2002-04-10
FRIOR FILING DATE: 2002-04-10
FRIOR FILING DATE: 2001-05-24
FRIOR FILING DATE: 2001-05-24
FRIOR FILING DATE: 2001-02-26
MUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 225
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Pred. No. 26;
1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 34; DB 6
Pred. No. 26;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: DsRed with I125R US-10-209-208-20
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US-10-209-208-24
; Sequence 24, Application US/10209208
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; Sequence 20, Application US/10209208
; Publication No. US20050244921A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               53.1%;
85.7%;
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Best Local Similarity
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KKLSFPE 89
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Best Local Similarity
Matches 6; Conserv
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              APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Susan
APPLICANT: Tang, Y. Tom
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REPERSING: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT APPLICATION NUMBER: US 60/462,047
PRIOR PILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SEQ ID NO 983
LENGTH: 285
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; Bublication No. US20820244921A1
; Sequence 1, Application US/10209208
; Publication No. US20850244921A1
; GRENERAL INFORMATION:
; APPLICANT: Taien, Roger
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION: FOR MAKING SAME
; FILE REFERENCE: UC083.1CP2CP2
; CURRENT APPLICATION NUMBER: US/10/209,208
; FILE REPERION BATE: 2002-04-10
; PRIOR APPLICATION NUMBER: 10/121,258
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-05-24
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 1
; LENGTH: 225
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Pred. No. 26;
1; Mismatches 0; Indels
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Pred. No. 22;
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LOCATION: (1)...(225)
CTHER INFORMATION: wild-type DsRed
US-10-209-208-1
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Tsien, Roger
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Best Local Similarity 54.5%;
Matches 6; Conservative 5
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85.7%;
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Best Local Similarity 85.7
Matches 6; Conservative
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ORGANISM: Homo sapiens
US-10-821-234-983
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Best Local S
Matches 6
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APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOREILC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: MONOMERIC AND DIMERIC PLUORESCENT
TITLE OF INVENTION: PROCTEIN VARIANTS AND METHODS FOR MAKING SAME
FILE REPERENCE: UC083.1CP2CP1
CURRENT APPLICATION NUMBER: US/11/218,880
CURRENT PILING DATE: 2005-09-01
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR PILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FeatSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 225
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                                                    GRUERAL INFORMATION:
GRUERAL INFORMATION:
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
CURRENT APPLICATION NUMBER: 10/11/258
PRIOR PAPLICATION NUMBER: 10/11/258
PRIOR PELLING DATE: 2002-04-10
PRIOR PILLING DATE: 2002-04-10
PRIOR PELLING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR PILLING DATE: 2001-02-26
SOFTWARE FASTESC FOR WINDOWS VERSION 4.0
SEQ ID NO 24
LENGTH: 225
TYPE: PREED TOWN SET OF THE STATE OF THE STATE OF THE STATE OF THE STATE ST
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85.7%; Pred. No. 26;
Live 1; Mismatches 0; Indels
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i_CCATION: (1)...(225)
CTHER INFORMATION: wild-type DsRed
US-11-218-880-1
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; Publication No. US20060003420A1
; GENERAL INFORMATION:
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85.7%;
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Publication No. US20050244921A1 GENERAL INFORMATION:
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Best Local Similarity 85.7
Matches 6; Conservative
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Matches 6; Conservative
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83 KKLSFPE 89
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|83 KKLSFPE 89
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US-11-218-880-1
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Gaps
Sequence 4, Application US/11218880

Sequence 4, Application US/11218880

Publication No. US2066003420A1

GENERAL INFORMATION:

APPLICANT: Taien, ROGET

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: US083.1CPC-01

CURRENT APPLICATION NUMBER: US/10/121,258

PRIOR FILING DATE: 2002-04-10

PRIOR FILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4
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; OTHER INFORMATION: DsRed polypeptide variant "Tl"
MS-11-218-880-4
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; Pred. No. 26;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
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85.7%;
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RESULT 2
US-10-026-911-3
; Sequence 3, Application US/10026911
; Publication No. US20030078201A1
; GENERAL INFORMATION:
; APPLICANT: Focke, Margarete
; APPLICANT: Sperr, Wolfgang R.
; APPLICANT: Sperr, Wolfgang R.
; APPLICANT: Valent, Peter
; APPLICANT: Valent, Peter
; APPLICANT: Valent, Rudolf
; TITLE OF INVENTION: Allergy Vaccines and Their Preparation
; FILE REPERENCE: 0273-0005
; CURRENT APPLICATION NUMBER: US/10/026,911
; CURRENT FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 1
US-09-897-042-19
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LENGTH: 12
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Sequence 3, Appli
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62.937 Million cell updates/sec
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Sequence 10,
Sequence 11,
Sequence 12,
Sequence 1, 1
Sequence 2, 1
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Sequence 4, 1
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Sequence 34,
Sequence 37,
                                                                                                                         January 28, 2006, 06:23:08; Search time 79.6667 Seconds
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Sequence 2,
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Sequence 6
Sequence 7
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(cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

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(cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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US-09-847-208-37

US-09-847-208-38

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US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-10-001-245-5

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US-10-001-245-10
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Maximum Match 100%
Listing first 45 summaries
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seq length: 200000000
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No.
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SUBJECT ON THE CONTROL OF THE 
                                             Sequence 5, A
Sequence 6, A
Sequence 7, A
Sequence 11,
Sequence 11,
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US-10-440-516-3
US-10-440-516-4
US-10-440-516-5
US-10-440-516-7
US-10-440-516-1
US-10-440-516-11
US-10-440-516-12
US-10-440-516-12
US-10-440-516-12
US-10-440-516-20
US-10-440-516-24
US-10-440-516-25
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Patent No. US20020018779A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
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                        Indels
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; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-34
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US-09-847-208-37
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Publication No. US2033082190A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Thu, Daocheng
TITLE OF INVENTION: IgE-MEDIATED ALLERGIC DISEASES
FILE REFRENCY: UGC7. 002A
CURRENT APPLICATION NUMBER: US/09/847,208
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
                                                                                                                                                                                                                             Sequence 34, Application US/09847208
Publication No. US20030082190A1
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Saxon, Andrew
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 196-MEDIATED ALLERGIC DISEASES
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT APPLICATION NUMBER: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
Best Local Similarity 100.0%; Pred. No. 0.0034; Matches 12; Conservative 0; Mismatches 0;
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US-09-847-208-38
US-09-847-208-38
'Sequence 38' Application US/09847208
'Publication No. US20030082190Al
'GENERAL INFORMATION:
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 64; DB 5; Length 125; 100.0%; Pred. No. 0.0026; Live 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                  Length 31;
                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: CTHER INFORMATION: solvent-exposed peptide US-10-026-911-3
                                                                                                                                                                                                                                                             Query Match
100.0%; Score 64; DB 4; L
Best Local Similarity 100.0%; Pred. No. 0.00059;
Matches 12; Conservative 0; Mismatches 0;
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APPLICANT: Kjarulff, Soren; APPLICANT: Kjarulff, Soren; APPLICANT: Kjarulff, Soren; APPLICANT: Kjarulff, Soren; APPLICANT: Roggen, Erwin; TITLE OF INVENTION: Transgenic Plants; FILE REPERENCE: 10082.200-06; CURRENT APPLICATION NUMBER: US/09/981,009B; CURRENT FILING DATE: 2002-06-14; NUMBER OF SEQ ID NOS: 5; SOFTWARE: Patentin version 3.1; SEQ ID NO 1; LENGTH: 159
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                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 31
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Best Local Similarity 100.
Matches 12; Conservative
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ORGANISM: Betula pendula
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US-09-981-009B-1
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, ORGANISM: Bet
US-09-957-806A-6
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LENGTH: 159
TYPE: PRT
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APPLICANT: Roggen, Erwin
APPLICANT: Scoffen
APPLICANT: Svendeen, Allan
APPLICANT: Svendeen, Allan
APPLICANT: Friis, Esben
TITLE OF INVENTION: PROTEIN VARIANTS HAVING MODIFIED IMMUNOGENICITY
FILE REPERENCE: 10021.204-US
CURRENT APPLICATION NUMBER: US/09/957,806A
CURRENT FILING DATE: 2001-09-21
NUMBER OF SEQ ID NOS: 248
SOFTWARE: Patentin version 3.1
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100.0%; Pred. No. 0.0034;
/ative 0; Mismatches 0; Indels
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100.0%; Score 64; DB 3; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-38
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US-09-847-208-40
Sequence 40, Application US/09847208
Sequence 40, Application US/09847208
Sequence 40, Application US/09847208
Publication No. US20030082190A1
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhu, Daocheng
ITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
ITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
ITLE REFERENCE: UC67.002A
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 40
LENGTH: 159
ILENGTH: 159
                       APPLICANT: CASH, KE
APPLICANT: Zhang, Ke
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 1gg-mediated ALLERGIC DISEASES
FILE REFERENCE: UC67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 159
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09957806A Publication No. US20050181446A1 GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GPGTIKKISFPE 12
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       APPLICANT: Saxon, Andrew
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                                                                                                                                                                                                                                                                        Sequence 2, Application US/10001245

Sequence 2, Application US/10001245

Publication No. US20030175312A1

GENERAL INFORMATION:

APPLICANT: HOLM, Jens

APPLICANT: IARSEN, Henrik

APPLICANT: SPANGFORT, Michael D.

TITLE OF INVENTION: No. US20030175312Alel mutant allergens

FILE REFERENCE: 4905/1H942-US2

CURRENT APPLICATION NUMBER: US/10/001,245

CURRENT FILING DATE: 2001-11-15

PRIOR FILING DATE: 2001-06-14

PRIOR FILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 217

SOFTWARE: PALENTIN VERSION 3.1
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Best Local Similarity 100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                     Query Match
100.0%; Score 64; DB 3; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
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ORGANISM: Betula verrucosa
                                                                                                                                                                    49 GPGTIKKISFPE 60
                                                                                                                                         1 GPGTIKKISFPE 12
ORGANISM: Betula pendula
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CTHER INFORMATION:
US-10-001-245-2
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LOCATION: (123)..(123)
OTHER INFORMATION:
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LOCATION: (134)..(134)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: mutation
LOCATION: (103)..(103)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (45)..(45)
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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NAME/KEY: mutation
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NAME/KEY: mutation
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RESULT 13
US-10-001-245-5
sequence 5, Application US/10001245
sequence 5, Application US/10001245
spublication No. US20030175312A1
spublication No. US20030175312A1
specification No. US20030175312A1
specification No. US20030175312A1
specification Specification No. US20030175312A1e1
spice File Reference: 4305/11942-US2
spice File Reference: 4305/11942-US2
spice File Reference: 2001-11-15
spice Filing Date: 2001-06-14
spice Filing Date: 2001-01-16
spice F
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NUMBER OF SEQ ID NOS: 217
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
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Best Local Similarity 100.0
....hes 12; Conservative
                                                                                                                         TYPE: PRT
ORGANISM: Betula verrucosa
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ORGANISM: Betula verrucosa
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; LOCATION: (134)..(134)
; OTHER INFORMATION:
US-10-001-245-4
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LOCATION: (16)..(16)
OTHER INFORMATION:
FEATURE:
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NAME/KEY: mutation
LOCATION: (65)..(65)
OTHER INFORMATION:
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LOCATION: (32)..(32)
OTHER INFORMATION:
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LOCATION: (97)..(97)
OTHER INFORMATION:
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LOCATION: (45)..(45)
OTHER INFORMATION:
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OTHER INFORMATION:
FEATURE:
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Sequence 3, Application US/10001245

Publication Wo. US20030175312A1

GENERAL INFORMATION:
APPLICANT: HOLM, Jens
APPLICANT: HOLM, Jons
TITLE OF INVENTION: NO. US20030175312A1e1 mutant allergens
FILE REFERENCE: 4305/1H942-US2

CURRENT APPLICATION NUMBER: US 60/298,170

PRIOR PELING DATE: 2001-11-15

PRIOR PELING DATE: 2001-06-14

PRIOR FILING DATE: 2001-06-14

PRIOR PILING DATE: 2001-16-15

NUMBER OF SEQ ID NOS: 217

SOFTWARE: Patentin version 3.1

SEQ ID NO 3.
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; Publication No. US20030175312A1
; GENERAL INFORMATION:
; APPLICANT: HOLM, Jens
; APPLICANT: HOLM, Jens
; APPLICANT: LARSEN, JORGEN N.
; APPLICANT: LARSEN, JORGEN N.
; APPLICANT: SPANGFORT, Michael D.
; TITLE OF INVENTION: No. US20030175312A1el mutant allergens
; CURRENT APPLICATION NUMBER: US,10/001,245
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/298,170
; PRIOR PLILING DATE: 2000-11-6
; PRIOR APPLICATION NUMBER: US 60/299,361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 64; DB 4; Length 159; Best Local Similarity 100.0%; Pred. No. 0.0034; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Betula verrucosa
                                                                      49 GPGTIKKISFPE 60
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                                   GPGTIKKISFPE 12
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NAME/KEY: mutation

LOCATION: (108)..(108)

OTHER INFORMATION:

US-10-001-245-3
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NAME/KEY: mutation
LOCATION: (28)..(28)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (32)..(32)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (45)..(45)
OTHER INFORMATION:
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; Sequence 92, Application US/10001245
; Publication No. US20030175312A1
; GENERAL INFORMATION:
; APPLICANT: HOLM, Jens
; APPLICANT: HOLM, Jens
; APPLICANT: LARSEN, Henrik
; APPLICANT: LARSEN, Jorgen N.
; TITLE NO INVENTYON: NO. US20030175312A1e1 mutant allergens
; TITLE NO INVENTYON: NO. US20030175312A1e1 mutant allergens
; TITLE REFERENCE: 4305/11942-US2
; CURRENT APPLICATION NUMBER: US/10/001,245
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/298,170
; RIOR PILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Version 3.1
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ORGANISM: Betula verrucosa
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Best Local Similarity 100.
Matches 12; Conservative
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                                                              FEATURE:

NAME/KEY: mutation
LOCATION: (109)..(109)
OTHER INFORMATION:
FEATURE:
NAME/KEY: mutation
LOCATION: (125)..(125)
OTHER INFORMATION:
FEATURE:
NAME/KEY: mutation
LOCATION: (127)..(127)
COCATION: (127)..(127)
COCATION: (127)..(127)
OTHER INFORMATION:
NAME/KEY: mutation
LOCATION: (108)..(108)
OTHER INFORMATION:
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; LOCATION: (145)...(145)
; OTHER INFORMATION:
US-10-001-245-9
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Best Local Similarity
Matches 12; Conserv
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| Sequence 9, Application US/10001245
| Publication No. US20030175312A1
| GENERAL INFORMATION:
| APPLICANT: HOLM, Jens
| APPLICANT: IPSEN, Henrik
| APPLICANT: IPSEN, Henrik
| APPLICANT: SPANGFORT, Michael D.
| TITLE OF INVENTION: No. US20030175312A1el mutant allergens
| FILE REFERENCE: 4305/1442-US2;
| CURRENT APPLICATION NUMBER: US/10/001,245
| CURRENT FILING DATE: 2001-01-14
| PRIOR FILING DATE: 2001-06-14
| PRIOR FILING DATE: 2001-06-14
| PRIOR FILING DATE: 2001-01-16
| NUMBER OF SEQ ID NOS: 217
| SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49 GPGTIKKISFPE 60
                                                                                                                                                                                                                                                                                                                                        LOCATION: (155). (155)
OTHER INFORMATION:
US-10-001-245-5
                                                                                                                                                NAME/KEY: mutation
LOCATION: (152)..(152)
OTHER INFORMATION:
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OTHER INFORMATION:
          LOCATION: (103)..(103)
OTHER INFORMATION:
                                                                   NAME/KEY: mutation
LOCATION: (108)..(108)
OTHER INFORMATION:
FEATURE:
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NAME/KEY: mutation
LOCATION: (96)...(96)
OTHER INFORMATION:
FEATURE:
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NAME/KEY: mutation
LOCATION: (32)..(32)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (65)..(65)
OTHER INFORMATION:
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LOCATION: (28)..(28)
OTHER INFORMATION:
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LOCATION: (97)..(97)
OTHER INFORMATION:
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NAME/KEY: mutation
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LENGTH: 159
TYPE: PRT
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RESULT 1
US-07-847-010-23
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Sequence 11, Appl
Sequence 11, Appl
Sequence 20, Appl
Sequence 210, Appl
Sequence 21016, A
Sequence 21885, A
Sequence 3185, Appl
Sequence 346, Appl
Sequence 346, Appl
Sequence 24, Appl
Sequence 2344, Appl
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Sequence 3, Appli
Sequence 2, Appli
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Sequence 3773, Ap
Sequence 3635, Ap
Sequence 5, Appli
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5, Appli
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                                                                           January 28, 2006, 06:20:07; Search time 18.6667 Seconds (without alignments) 53.149 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                       /cgn2_6/ptodata/1/iaa/5_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6_COMB.pep:*
/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-07-847-010-11
US-07-847-010-14
US-07-847-010-17
US-07-847-010-17
US-07-847-010-17
US-09-248-796A-27885
US-09-248-796A-27885
US-09-12-564A-18
US-09-107-512A-5385
US-09-810-230A-346
US-09-810-230A-345
US-09-810-230A-345
US-09-9134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-9134-917-24
US-09-9139-918-24
US-09-9139-918-24
US-09-9139-918-24
US-09-918-240-15306
US-09-982-616-9
US-09-982-616-9
US-09-983-910-3173
US-09-983-910-3173
US-09-983-910-3173
                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JS-08-676-444-5
                                                                                                                                                                                                                            572060 segs, 82675679 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                   OM protein - protein search, using sw model
                                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                Issued_Patents_AA:*
                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                             1 GPGTIKKISFPE 12
                                                                                                                                   US-09-897-042-19
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Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Perfect score:
                                                                                                                                                                                        Scoring table:
                                                                                                                                                                                                                                Searched:
                                                                                                                                                                Sequence:
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28 37 57.8 1670 2 US-09-949-016-5883 Sequence 5883, Ap 30 56.2 74 2 US-09-248-796A-22915 Sequence 22915, A 30 56.2 163 2 US-09-661-451A-44 Sequence 22915, A 31 36 56.2 168 2 US-09-661-451A-44 Sequence 22915, A 32 36 56.2 447 2 US-09-109-204-3 Sequence 3, Appli 34 36 56.2 447 2 US-09-404-33 Sequence 3, Appli 35 56.2 608 2 US-09-525-991A-19829 Sequence 19829, A 36 56.2 608 2 US-09-464-377-2 Sequence 2, Appli 37 35 54.7 131 2 US-09-464-377-3 Sequence 2, Appli 37 35 54.7 131 2 US-09-641-638-654 Sequence 2781, Appli 35 54.7 131 2 US-09-641-638-654 Sequence 654, Appli 40 35 54.7 133 2 US-09-361-18 Sequence 18, Appli 41 35 54.7 133 2 US-09-012-515A-18 Sequence 18, Appli 42 35 54.7 133 2 US-09-012-515A-18 Sequence 18, Appli 44 35 54.7 133 4 PCT-US95-0672-18 Sequence 18, Appli 44 35 54.7 134 1 US-08-361-010-1 Sequence 18, Appli 45 54.7 134 1 US-08-361-010-1 Sequence 18, Appli 542 35 54.7 154 1 US-08-361-010-1 Sequence 18, Appli 542 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 544 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 34A-4 Sequence 18, Appli 545 35 54.7 154 1 US-08-310-1 344-4 344-4 35 54.7 154 1 US-08-310-1 344-4 344-4 35 54.7 154 1 US-08-310-1
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ALIGNMENTS

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US-07-447-010-23
US-07-447-010-3
US-07-447-010-3
Patent No. 5693495
GREEAL INRORMATION:
APPLICANT: Braiteneder, Heimo
APPLICANT: Braiteneder, Manold
APPLICANT: Braiteneder, Michael
APPLICANT: Braiteneder, Christof
APPLICANT: Braiteneder, Applications Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS: 3
CORRESPONDENCE ADDRESS: 3
COMBUTER: 1155 Avenue of the Americas
STATE: 1155 Avenue of the Americas
CONFUTER: 1156 Compatible
OFERATING SYSTEM: PC-DOS/MS-DOS
OFERATING SYSTEM: PC-DOS/MS-DOS
OFERATION UNBER: DO, 280
CLASSIFICATION UNBER: 20, 280
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEFAN: (614) PENNIE
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SO GPGTIKKITFPE 61
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LENGTH: 158
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                                                            RESULT 3
US-08-964-722-2
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                                                                                                 100.0%; Score 64; DB 1; Length 160; 100.0%; Pred. No. 0.00051; ive 0; Mismatches 0; Indels
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                                    ; LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Valenta, Nudolf
APPLICANT: Hoffman - Sommergruber, Karin
APPLICANT: Breitenbach, Michael
APPLICANT: Rraft, Dietrich
APPLICANT: Scheiner, Otto
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Perreira, Patima
TITLE OF INVENTION: Applications Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 23
CORRESPONDENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10056-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFTWARE: PATENTIN PG-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: US/07/847,010
PILING DATE: 01-JUN 1992
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20,280
3R: 6530-010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT THORMATION:
NAME: JOHN 1992
ATTORNEY AGENT THORMATION:
NAME: JOHN 11, HARRY C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-1
TELECOMMUNICATION INFORMATION:
TELEFRONE: (212) 790-9090
TELEFRX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/07847010 Patent No. 5693495
ORGANISM: birch (Betula sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Alder (Alnus sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
                                                                               Query Match
Best Local Similarity 100...
Section 12; Conservative
                                                                                                                                                                              1 GPGTIKKISFPE 12
                                                                                                                                                                                                       MOLECULE TYPE: peptide HYPOTHETICAL: NO
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                      IMMEDIATE SOURCE
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TOPOLOGY:
                                                                                                                                                                                                                                                                                                US-07-847-010-3
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1 GPGTIKKISFPE 12

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: PROCEDURES AND REGULATORY DNA SEQUENCES; FOR GENETICALLY ENGINEERING DISEASE RESISTANCE AND OTHER INDUCTBLE TRAITS IN PLANTS
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/393,301
FILING DATE: 13-JUN-1989
Sequence 2. Application US/08964722A

Sequence 2. Application US/08964722A

Sequence 2. Application US/08964722A

GENERAL INFORMATION:
APPLICANT: Sun, Samuel S.M.
APPLICANT: Sun, Samuel S.M.
APPLICANT: Liu, Boll Liwen
TITLE OF INVENTION: LYSINE RICH PROTEIN FROM WINGED BEAN
FILER REFERENCE: 23461-2006.01
CURRENT APPLICATION NUMBER: US/08/964,722A
CURRENT APPLICATION NUMBER: 60/002,918
EARLIER FILING DATE: 1995-08-29

BARLIER PILING DATE: 1995-08-29

NUMBER OF SEQ ID NOS: 7

SOFTWARE: PLENCY OF VERNEY FILER PLOYER DATE: 1995-09-25

NUMBER OF SEQ ID NOS: 7

SEQ ID NOS: 7

SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 158;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5312912-2
;Patent No. 5312912
; APPLICANT: HADWIGER, LEE A.;CHIANG, CHIN C.;HOROVITZ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  78.1%; Score 50; DB 6; 75.0%; Pred. No. 0.18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 55; DB 2;
Pred. No. 0.022;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Reikerstorfer, Arnold
Valenta, Rudolf
Hoffmann - Sommergruber, Karin
Breitenbach, Michael
Kraft, Dietrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 11, Application US/07847010; Patent No. 5693495; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Breiteneder, Heimo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49 GPGTIKKISEVE 60
                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: winged bean US-08-964-722-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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73.4%; Score 47; DB 1; Length 160; 75.0%; Pred. No. 0.66;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Hoffmann - Sommergruber, Karin
APPLICANT: Breitenbach, Michael
APPLICANT: Kraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Bohener, Otto
APPLICANT: Bohener, Otto
APPLICANT: Berreira, Fetima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF SEQUENCES: 23
                           CITY: New YOLK
STATE: New YOLK
COUNTRY: U.S.A.

ZIP: 10036-2711
COMPUTER READBLE FORM:
MEDIUM TYPE: FLOEPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FLING DATE: 0.1-UN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAMME: JONES III, HARTY C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
TELECHONE: (212) 790-9090
TELEPAX: (212) 790-9090
TELEPAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
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STREET: 1155 Avenue of the Americas
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17, Application US/07847010 Patent No. 5693495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
ORGANISM: hazel (Corylus sp.)
IMMEDIATE SOURCE:
LIBBRARY: POLLEN FROM ALLERGON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 73.4
Best Local Similarity 75.0
Matches 9; Conservative
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ADDRESSEE: Pennie &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-07-847-010-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 7
US-07-847-010-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Valenta, Rudolf
APPLICANT: Walenta, Rudolf
APPLICANT: Breitenbach, Michael
APPLICANT: Rumpold, Helmut
APPLICANT: Rumpold, Helmut
APPLICANT: Romeiner, Otto
APPLICANT: Romeiner, Otto
APPLICANT: Restens, Restima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Allergens of Alder Pollen
TITLE OF INVENTION: Applications Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennia ( )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
     APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner. Otto
APPLICANT: Ebner, Christof
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Applications Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                      SIREEL: 125 AVENUE OI LIE AMELICAS
STATE: New York
COUNTRY: US.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOHNE 11, HARTY C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 20,280
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 380-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/07847010
Patent No. 5693495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMMEDIATE SOURCE: LIBRARY: POLITE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 73.4
Best Local Similarity 75.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: hazel (Coryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50 GPGTIKNITFGE 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-07-847-010-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-847-010-14
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Gaps

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ORIGINAL SOURCE: ORGANISM: hazel (Corylus sp.)
                          TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) ORGANISM: Pseudomonas aeruginosa US-09-252-991A-21016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match
Best Local Similarity 70.v.
71, Conservative
                                                                                                                                                                                                                                                                                                                                      Query Match 73.4
Best Local Similarity 75.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                   1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                                                                             |||||| |:| |
50 GPGTIKNITFGE 61
                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GPGTIKKISF 10
                                                                                                                                        TYPE: amino acid
                                                                                                                                                                                                                                                              IMMEDIATE SOURCE:
LIBRARY: POLLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-252-991A-21016
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Pred. No. 0.66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
1 LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Allergens of Alder Pollen and TITLE OF INVENTION: Applications Thereof
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-UN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Reikerstorfer, Heimo
Reikerstorfer, Arnold
Valenta, Rudolf
Hoffmann - Sommergruber, Karin
Breitenbach, Michael
Kraft, Dietrich
Raft, Dietrich
Raft, Dietrich
Raft, Dietrich
Raft, Fellma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
CITY: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS_DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: JOHES III, HARYY
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
                                                                              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jones III, Harry C
RGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-0
TELECOMMUNICATION INFORMATION:
TELEFONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEFAX: 66141 PENNIE
INFORMATION FOR SEC ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 20, Application US/07847010 Patent No. 5693495 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: hazel (Corylus sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   73.4%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 75.0'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 8
US-07-847-010-20
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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GENERAL INFORMATION:

APPLICANT: Keith Weinstcock et al

APPLICANT: Keith Weinstcock et al

APPLICANT: Keith Weinstcock et al

APPLICANT: Keith Weinstcok et al

APPLICANT: Keith Weinstcok et al

APPLICANT: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN:

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US 60/244,725

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR FILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2010. Application US/09252991A

Sequence 2010. Application US/09252991A

Refeart No. 6551795

GREERAL INFORMATION:
GREERAL INFORMATION:
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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                                                                                              Length 160;
                                                                                                                                                              2; Indels
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POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              64.1%; Score 41; DB 2; 70.0%; Pred. No. 73; tive 2; Mismatches 1
                                                                                              73.4%; Score 47; DB 1; 75.0%; Pred. No. 0.66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 27885, Application US/09248796A; Patent No. 6747137
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Pred. No. 79;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 39; DB 2; Length 581;
Pred. No. 78;
1; Mismatches 4; Indels
  CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
RECISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEPHONE: (781)893-5007
TELEPHONE: (781)893-8277
INFORMATION FOR SEQ ID NO: 5385:
SEQUENCE CHARACTERISTICS:
LENGTH: 581 amino acida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GRERAL INCORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Lyme Disease Vaccines
FILE REFERENCE: P8484US
CURRENT APPLICATION NUMBER: US/09/830,230A
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: PCT/US98/12718
PRIOR PILING DATE: 1998-06-18
PRIOR PILING DATE: 1997-00-03
PRIOR PILING DATE: 1997-00-03
PRIOR PILING DATE: 1997-07-22
PRIOR PILING DATE: 1997-06-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , NAME/KEY: misc_feature
; SEQUENCE DESCRIPTION: SEQ ID NO: 5385:
US-09-107-532A-5385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 13
8.09-830-230A-346
; Sequence 346, Application US/09830230A
; Patent No. 6902893
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Best Local Similarity 58.3%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-830-230A-346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 GTIKKISFP 11
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SEQ ID NO 346
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                                                                                    FEATURE:
NAME/KEY: UNSURB
NAME/TON: (2)
CHER INFORMATION: (1)
US-09-248-796A-27885
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Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
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Pred. No. 16;
                                                                                                                                                                                                                 Length 190;
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                                                                                                                                                                                                                                                                   2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 18, Application US/09012504A

Sequence 18, Application US/09012504A

Patent No. 6464974

GENERAL INFORMATION:

APPLICANT: BAILIN, V.

APPLICANT: Cottarel, G.

APPLICANT: Cottarel, G.

TITLE REPERENCE: APBI-P05-036

FILE REPERENCE: APBI-P05-036

CURRENT FILING DATE: 1998-01-23

PRIOR FILING DATE: 1994-12-20

SOFTWARE: PATENTING NUMBER: 08/250,795

NUMBER OF SEQ ID NOS: 35

SOFTWARE: PATENTIN VERSION 3.1

SSOFTWARE: PATENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 7310
CORRESPONDENCE ADDRESSE:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
                                                                                                                                                                                                                         5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. 16;
3; Mismatches
                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                      Score 40;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
COMPUTER: PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Waltham
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60.9%;
58.3%;
                                                                                                                                                                                                                      Query Match
Best Local Similarity 58.3%;
Matches 7; Conservative
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177 GPVTVEKINVPE 188
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Best Local Similarity 58.3
Matches 7, Conservative
                     LENGTH: 190
TYPE: PRT
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GPGTIKKISFPE 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-107-532A-5385
SEQ ID NO 27885
                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-012-504A-18
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183 GFIKKISFP 191

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Sequence 4680, Application US/09134000C

Sequence 4680, Application US/09134000C

Patent No. 6617156

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

TITLE OF INVENTION: ENTERANCE OF THE PROPERTION: ENTERANCE OF THE PROPERTION: ENTERANCE OF THE PROPERTION: ENTERANCE OF THE PROPERTION: ENTERANCE OF THE PROPERTION NUMBER: US 60/055,778

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR APPLICATION SEQ ID NOS: 6612

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4680

LENGTH: 405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60.9%; Score 39; DB 2; Length 612;
88.9%; Pred. No. 82;
tive 0; Mismatches 1; Indels
                                                                                        GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Lyme Disease Vaccines
FILE REFERENCE: PB481US
CURRENT APPLICATION NUMBER: US/09/830,230A
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: ECT/US98/12718
PRIOR APPLICATION NUMBER: 60/057,483
PRIOR APPLICATION NUMBER: 60/053,344
PRIOR APPLICATION NUMBER: 60/053,344
PRIOR PILING DATE: 1997-09-03
PRIOR APPLICATION NUMBER: 60/053,347
PRIOR FILING DATE: 1997-07-22
PRIOR APPLICATION NUMBER: 60/053,377
PRIOR FILING DATE: 1997-06-20
PRIOR APPLICATION NUMBER: 60/050,359
PRIOR APPLICATION NUMBER: 60/050,359
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 756
SEQ ID NO 345
LENGTH: 612
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RESULT 14
US-09-830-230A-345
Sequence 345, Application US/09830230A
Patent No. 6902893
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Enterococcus faecalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 60.9
Best Local Similarity 88.9
Matches 8; Conservative
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158 PGTIKRVSWAD 168
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 6; Conserva
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US-09-134-000C-4680
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Sequence 18, Appl
Sequence 26, Appl
Sequence 6, Appli
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                                                                                                                                                                January 28, 2006, 06:23:49; Search time 12:3333 Seconds (without alignments) 10.536 Million cell updates/sec
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1: /cgn2_6/prodata/2/pubpaa/USOB_NEW_PUB.pep:*

2: /cgn2_6/prodata/2/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/prodata/2/pubpaa/USO7_NEW_PUB.pep:*

4: /cgn2_6/prodata/2/pubpaa/USO7_NEW_PUB.pep:*

5: /cgn2_6/prodata/2/pubpaa/USO7_NEW_PUB.pep:*

7: /cgn2_6/prodata/2/pubpaa/USO7_NEW_PUB.pep:*

7: /cgn2_6/prodata/2/pubpaa/USIO_NEW_PUB.pep:*

8: /cgn2_6/prodata/2/pubpaa/USIO_NEW_PUB.pep:*
GenCore version 5.1.6 (c) 1993 - 2006 Compugen Ltd.
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US-11-102-883-26

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US-10-209-208-1

US-10-209-208-8

US-10-209-208-8

US-10-209-208-8

US-10-209-208-20

US-11-218-880-1

US-11-218-880-8

US-11-218-880-8

US-11-218-880-8

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US-10-467-962B-93
US-10-986-501-189
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Maximum Match 100%
Listing first 45 summaries
                                                                                                             OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length
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                                                                                                                                                                                                                                                                                                                        Perfect score:
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36 52.9 238 7 US-11-052-554A-38 Sec 35.5 51.5 343 6 US-11-024-959-31 Sec 35.5 51.5 343 6 US-11-024-959-31 Sec 35.5 51.5 51.5 51.6 10.7 US-11-024-959-31 Sec 35.5 51.5 51.5 51.5 51.6 7 US-11-024-959-31 Sec 35.5 51.5 10.7 3 6 US-10-821-234-1277 Sec 34.5 50.7 216 7 US-11-082-389-32 Sec 34.5 50.0 179 7 US-11-082-384-22 Sec 34.5 50.0 179 7 US-11-082-554A-51 Sec 34.5 50.0 238 7 US-11-052-554A-51 Sec 34.5 50.0 238 7 US-11-052-554A-51 Sec 34.5 50.0 231 7 US-11-052-554A-51 Sec 35.5 50.0 231 7 US-11-155-81377 Sec 35.5 50.0 231 7 US-11-155-2544-251 20.0 231 7 US-11-155-2544-251 20.0 231 7 US-11-15	equence 38, Appl	Sequence 162, App	sequence 381, App	equence 42, Appl	Seguence 1377, Ap		Sequence 32, Appl	Sequence 4010, Ap	Sequence 1634, Ap	Sequence 222, App	Sequence 1208, Ap		Sequence 52, Appl	Sequence 119, App	Sequence 17, Appl	Seguence 7, Appli	Sequence 5572, Ap	Sequence 307, App		Sequence 3876, Ap
52.9 238 7 51.5 604 7 51.5 604 7 51.5 604 7 51.5 606 7 51.5 616 7 51.5 1373 6 51.5 1373 6 51.5 1373 6 51.0 139 6 51.0 139 6 51.0 238 7 51.0 238 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	••	••	0,	CO)												-				
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ALIGNMENTS

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RESULT 102-883-18

US-11-102-883-18

Sequence 18, Application US/11102883

Sequence 18, Application Worls 11

Sequence 18, Application Worls 12

Sequence 18, Application Worls 12

Sequence 18, Application Worls 12

APPLICANT: Crameri, Reco

APPLICANT: Crameri, Reco

APPLICANT: Fluckiger, Sabina

APPLICANT: Fluckiger, Sabina

APPLICANT: Fluckiger, Sabina

TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for

TITLE OF INVENTION: Wodularing Immune Reactions, Associated Constructs, Methods and TITLE OF INVENTION: Uses Thereof

TITLE OF INVENTION: Uses Thereof

FILE REFERENCE: 03100234pa

CURRENT APPLICATION NUMBER: EP02022774.0

PRIOR APPLICATION NUMBER: EP02022774.0

PRIOR APPLICATION NUMBER: PCT/FP2003/011190

PRIOR FILING DATE: 2003-10-09

NUMBER OF SEQ ID NOS: 44

SOFFWARE: PatentIn version 3.2
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APPLICANT: Crameri, Reto
APPLICANT: Trameri, Reto
APPLICANT: Fluckiger, Sabina
APPLICANT: Daigle, Isabelle
APPLICANT: Daigle, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Modularing Immune Reactions, Associated Constructs, Methods an
TITLE OF INVENTION: Uses Thereof
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; Sequence 26, Application US/11102883
; Publication No. US20050281816A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Betula verrucosa
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Best Local Similarity
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APPLICANT: Campbell, Robert

APPLICANT: Geoffrey Bairs

APPLICANT: Geoffrey Bairs

TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS

TITLE OF INVENTION: FOR MAKING SAME

TITLE OF INVENTION: FOR MAKING SAME

TITLE OF INVENTION: FOR MAKING SAME

CURRENT APPLICATION NUMBER: US/10/209, 208

CURRENT FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 10/121,258

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR PILING DATE: 2001-02-24

PRIOR PILING DATE: 2001-02-26

NUMBER OF SEC ID NOS: 80

SOFTWARE: FastSEQ for Windows Version 4.0

**TOWN-MET. 2001

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US-10-209-208-4
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PRIOR APPLICATION NUMBER: 10/121,258
PRIOR FILING DATE: 2002-04-10
PRIOR PLLING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc feature
LOCATION: (1)...(225)
OTHER INFORMATION: wild-type DsRed
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/10209208
Publication No. US20050244921A1
GENERAL INFORMATION:
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Best Local Similarity 63.00,
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APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
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84 KLSFPEGFKWE 94
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Best Local Similarity
Matches 7; Conserv
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US-10-209-208-8
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APPLICANT: Crameri, Reto
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Baigler, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (WAT Molecules) for
TITLE OF INVENTION: Woss Thereof
TITLE OF INVENTION: Uses  DOS-04-11
PRIOR APPLICATION NUMBER: DE02022774.0
PRIOR PILING DATE: 2003-10-01
PRIOR PILING DATE: 2003-10-01
PRIOR PILING DATE: 2003-10-09
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
LENGIN DOS
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US-11-102-883-6
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taiten, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
ITILE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REPRESENCE: UCO83.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 68; DB 7; Length 289;
Pred. No. 0.00011;
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; FILE REFERENCE: 03100234pa

; CURRENY APPLICATION NUMBER: US/11/102,883

; CURRENT FILING DATE: 2005-04-11

; PRIOR APPLICATION NUMBER: EP02022774.0

; PRIOR FILING DATE: 2002-10-11

; PRIOR FILING DATE: 2003-10-09

; NUMBER OF SEQ ID NOS: 44

; SOFTWARE: PATENTIN VERSION 3.2

; SEQ ID NO 26

; LENGTH: 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 68; DB Best Local Similarity 100.0%; Pred. No. 0.0 Matches 12; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/11102883
Publication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 12; Conservative
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; ORGANISM: tat-Ii-bet v 1
US-11-102-883-26
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US-10-209-208-20

Sequence 20, Application US/10209208

Publication No. US20650244921A1

GENERAL INFORMATION:
APPLICANT: Campbell, Robert
APPLICANT: Gampfell, Robert
APPLICANTON: FUNGRECENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CPC202

CURRENT FILING DATE: 2002-07-29

PRIOR FILING DATE: 2002-04-10

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 80

SEQ ID NO 20

LENGTH: 225

TYPE: PRI
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TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS; TITLE OF INVENTION: FOR MAKING SAME; TITLE OF INVENTION: FOR MAKING SAME; CURRENT APPLICATION UNDER: US/10/209,208; CURRENT PILING DATE: 2002-07-29; PRIOR PEPLICATION NUMBER: US/11,258; PRIOR PEPLICATION NUMBER: 10/121,258; PRIOR PEPLICATION NUMBER: 09/866,538; PRIOR APPLICATION NUMBER: 09/866,538; PRIOR APPLICATION NUMBER: 09/866,538; PRIOR APPLICATION NUMBER: 09/794,308; PRIOR APPLICATION NUMBER: 09/794,308; PRIOR FILING DATE: 2001-05-26; NUMBER OF SEQ ID NOS: 80; SOFTWARE: FASTESEQ FOR WINDOWS VERSION 4.0; SEQ ID NO 8; LENGTH: 225
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COTHER INFORMATION: DSRED polypeptide variant "mRFP1"
US-10-209-208-8
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Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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RESULT 8
US-10-209-208-24
'Sequence 24, Application US/10209208
'Publication No. US20050244921A1
'GENERAL INFORMATION:

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APPLICANT: Tsien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TILE REPERENCE: UC083.1CP2CP2
CURRENT APPLICATION UNMER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: 10/121,258
PRIOR PELING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR RILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGHIA 225
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                                                                                                                                                                                                                                                                                                                                   Length 225
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63.6%;
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Best Local Similarity 63.6.
Tr Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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US-11-218-880-1
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TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 63.0.
Best .... 7; Conservative
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Best Local Similarity 63...
7; Conservative
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84 KLSFPEGFKWE 94
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Sequence 4, Application US/11218880

Publication No. US2066003420A1

GENERAL INFORMATION:

APPLICANT: Talen, Roger

APPLICANT: Campbell, Robert

ITILE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

ITILE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: UGOS1.CPCP.

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT APPLICATION NUMBER: US/10/121,258

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 225
Sequence 1, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:

APPLICANT: Taien, ROGET

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: UCO83.1CP2CP1

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2005-09-01

PRIOR APPLICATION NUMBER: US/10/121,258

PRIOR FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 225
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Pred. No. 2;
3; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: DsRed polypeptide variant "Tl"
US-11-218-880-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
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LOCATION: (1)...(225)

OTHER INFORMATION: wild-type DsRed

US-11-218-880-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 63.6%;
Matches 7; Conservative
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Best Local Similarity 63.6
Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Discosoma sp.
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Sequence 20, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:

APPLICANT: Cambbell, Robert

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: US03.1CPC01

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2005-09-01

PRIOR APPLICATION NUMBER: US/10/121,258

PRIOR PILING DATE: 2001-02-26

PRIOR PILING DATE: 2001-02-26

PRIOR PILING DATE: 2001-05-24

NUMBER: OF SEQ ID NOS: 78

SOOTHARE: FeatSEQ for Windows Version 4.0

SEQ ID NO 20

LENGTH: 225
                                                                                                                       GURBEAL INFORMENT:

APPLICANT: Taien, Roger

APPLICANT: Campbell, Robert

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: WORDER: US/11/218, 880

CURRENT APPLICATION WUMBER: US/11/218, 880

CURRENT FILING DATE: 2002-09-01

PRIOR APPLICATION WUMBER: US/10/121, 258

PRIOR FILING DATE: 2001-03-26

PRIOR PILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 8

TOWNSHIP OF SECTION OF 
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US-11-218-880-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61.8%; Score 42; DB 7; 63.6%; Pred. No. 2; tive 3; Mismatches
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63.6%; Pred. No. 2;
:ive 3; Mismatches
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Sequence 8, Application US/11218880 Publication No. US20060003420A1 GENERAL INFORMATION:
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84 KLSFPEGFKWE 94
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; FEATURE:
; OTHER INFORMATION: wild-type red fluorescent protein based on Discosoma species
US-11-100-988-2
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US-11-218-580-48

Sequence 24, Application US/11218880

Publication No. US2066003420A1

GENERAL INFORMATION:

APPLICANT: Taien, ROGET

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: UG083.1CP2CP1

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT APPLICATION NUMBER: US/10/121,258

PRIOR FILING DATE: 2005-09-01

PRIOR FILING DATE: 2001-04-10

PRIOR FILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-02-26

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 225

TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: DsRed polypeptide variant "T1" with I125R mutation
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61.8%; Score 42; DB 7; Length 225;
Best Local Similarity 63.6%; Pred. No. 2;
Matches 7; Conservative 3; Mismatches 1; Indels
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Best Local Similarity 63.6
Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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ORGANISM: Unknown
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LENGTH: 225
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US-11-100-988-2
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Search completed: January 28, 2006, 06:44:48 Job time : 13.3333 secs

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Sequence 3, Application US/10026911
Sequence 3, Application US/10026911
Sequence 3, Application No. US20030078201A1
GENERAL INFORMATION:
APPLICANT: Focke, Margarete
APPLICANT: Sperr, Wolfgang R.
APPLICANT: Walent, Peeer
APPLICANT: Valent, Peeer
APPLICANT: Valent, Peeer
APPLICANT: Valent, Rudolf
TITLE OF INVENTION: Allergy Vaccines and Their Preparation
FILE REFERENCE: 0273-0005
CURRENT APPLICATION NUMBER: US/10/026,911
CURRENT FILING DATE: 2002-07-24
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Best Local Similarity
Matches 12; Conserv
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US-09-897-042-21
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Sequence 34, 7
Sequence 38, 7
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Sequence 87,
Sequence 44,
Sequence 45,
Sequence 18,
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*
                GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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US-10-726-5911-3

US-10-729-514-1

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US-09-847-208-38

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US-09-847-208-38

US-09-847-208-38

US-10-440-516-4

US-10-440-516-4

US-10-440-516-4

US-10-440-516-4

US-10-440-516-7

US-10-440-516-7

US-10-440-516-7

US-10-440-516-7

US-10-440-516-7

US-10-440-516-4

US-10-799-514-7

US-10-799-514-18

US-10-799-514-208-36

US-09-847-208-39

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Maximum Match 100%
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Perfect score:
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Maximum DB
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Sequence 92, Appl
Sequence 37, Appl
Sequence 1, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 10, Appli
Sequence 11, Appli
Sequence 43, Appli
Sequence 43, Appli
Sequence 35, Appli
Sequence 35, Appli
Sequence 35, Appli
Sequence 35, Appli
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| Sequence 21. Application US/09897042
| Patent NO. US20020018779A1
| GENERAL INFORMATION:
| APPLICANT: VALENTA, Rudolf
| APPLICANT: VATALA, Susanne
| APPLICANT: VALENTA, Wolfgelist, Hans-Georg
| APPLICANT: SPERK, Wolfgeling R.
| APPLICANT: SPERK, Wolfgeling R.
| APPLICANT: BINER, Christof
| APPLICANT: REMER, Christof
| APPLICANT: REMER, Dietrich
| APPLICANT: BENER, Christof
| APPLICANT: REMER, Dietrich
| APPLICANT: SPONLUND, Hans
| TITLE OF INVENTION NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USF
| CURRENT FILING DATE: 2001-07-07
| NUMBER OF SEQ ID NOS: 21
| SOOTWARE: Patentin Ver. 2.0
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Sequence 43,
Sequence 4, 1
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US-10-001-245-3

US-10-001-245-5

US-10-001-245-92

US-10-019-531-37

US-10-698-855-5

US-10-001-245-6

US-10-001-245-6

US-10-001-245-6

US-10-001-245-10

US-10-40-516-13

US-10-40-516-13

US-09-847-208-35

US-09-847-208-35

US-09-847-208-35

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100.0%; Pred. No. 0.0036;
cive 0; Mismatches 0; Indels
                        Indels
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; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
VS-09-847-208-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Betula verrucosa (White birch) (Betula pendula)
                                                                                                                                                                                                              Sequence 34, Application US/09847208
| Publication No. US20030082190A1
| GENERAL INFORMATION:
| APPLICANT: Saxon, Andrew
| APPLICANT: Zhang, Ke
| APPLICANT: Zhang, Ke
| TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
| TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
| FILE REFERENCE: UGG7.002A
| CURRENT APPLICATION NUMBER: US/09/847,208
| CURRENT FILING DATE: 201-05-01
| NUMBER: PSECSO FOR WINDOWS Version 4.0
| SOFTWARE: FastSEQ for Windows Version 4.0
| FEASTOLING ASSESS OF TRANSPORTED ALLERGIC DISEASES
| CURRENT FILING DATE: 201-05-01
| SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SAXON, Andrew
APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: PUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 38
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100.0%; Pred. No. 0.0036; rative 0; Mismatches 0
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US-09-847-208-40
IS-09-847-208-40
, Sequence 40, Application US/09847208
, Publication No. US20030082190A1
, GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 38, Application US/09847208; Publication No. US20030082190A1; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
Best Local Similarity 100.
Matches 12; Conservative
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Matches 12; Conserv
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Sequence 5, Application US/10799514

Publication No. US20040241178A1

GENERAL INFORMATION:
APPLICANT: Spertini, Francois
APPLICANT: Corthesy, Blaise
TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
FILE REFERENCE: 25-720-50-2

CURRENT APPLICATION NUMBER: US/10/799,514

CURRENT APPLICATION NUMBER: 60/455,004

PRIOR APPLICATION NUMBER: 60/455,004

PRIOR FILING DATE: 2003-03-14

NUMBER OF SEQ ID NOS: 23

SEQ ID NO 5

LENGTH: 125
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100.0%; Score 68; DB 5; Length 125;
Best Local Similarity 100.0%; Pred. No. 0.0028;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                          Length 31;
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                                                                                                                                                            CTHER INFORMATION: Description of Artificial Sequence:
CTHER INFORMATION: solvent-exposed peptide
US-10-026-911-3
                                                                                                                                                                                                                                                     Query Match
100.0%; Score 68; DB 4; L
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 12; Conservative 0; Mismatches 0;
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APPLICANT Klaevulff, Soren; APPLICANT Klaevulff, Soren; APPLICANT Klogen, Erwin; TITLE OF INVENTION: Transgenic Plants; FILE REPRENCE: 10082.200-US; CURRENT APPLICATION NUMBER: US/09/981,009B; CURRENT FILING DATE: 2002-06-14, NUMBER OF SEQ ID NOS: 5; SOFTWARE: Patentin version 3.1; SEQ ID NO 1; LENGTH: 159
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ORGANISM: Artificial Sequence
                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 31
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ORGANISM: Betula pendula
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US-09-981-009B-1
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Gaps

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LOCATION: (1) 7(159)
TOTHER INFORMATION: Point mutated Bet v 1 allergen (amino acid deletion of residue)
CHER INFORMATION: G111)
US-10-440-516-47
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100.0%; Score 68; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0036;
Matches 12; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-3
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Publication No. US20040043438A1
GERERAL INFORMATION:
APPLICANT: Forreras Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/100446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-440-516-2

Sequence 2, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:
APPLICANT: Ferreras Mercedes
FILE REFERENCE: 04305/100446-US1

CURRENT APPLICATION NUMBER: US/10/440,516

CURRENT APPLICATION NUMBER: US/10/440,516

CURRENT FILING DATE: 2003-05-16

PRIOR APPLICATION NUMBER: US 60/381,440

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SOFTWARE: PATENTIN VERSION 3.2
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SOFTWARE: Patentin version 3.2
SEQ ID NO
LENGTH: 160
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; ORGANISM: Betula verrucosa
US-10-440-516-2
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                         ORGANISM: Betula verrucosa
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LENGTH: 160
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US-09-957-806A-6

Sequence 6, Application US/09957806A

Sequence 6, Application No. US20050181446A1

GENERAL INFORMATION:
APPLICANT: Roggen, Erwin
APPLICANT: Svendsen, Allan
APPLICANT: Fris, Esben
APPLICANT: Osten, Claus
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                  APPLICANT: ZANOH, MULEW, ADACHENG TAPPLICANT: ZANOH, ADACHENG TAPPLICANT: ZANOH, DAOCHENG TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES; FILE REPERENCE: UG67.002A; CURRENT APPLICATION NUMBER: US/09/847,208; CURRENT FILING DATE: 2001-05-01; NUMBER OF SEQ ID NOS: 177; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 40; LENGTH: 159; TYPE: PRT

; CREATE: PRT

; ORGANISM: Betula verrucosa (White birch) (Betula pendula) US-09-847-208-40
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APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/1001446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.2
SEQ ID NO 47
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US-09-957-806A-6
APPLICANT: Saxon, Andrew
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) LOCATION: (1)...(160)
) OTHER INFORMATION: Point mutated Bet v 1 allergen
US-10-440-516-6
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Publication No. US20040043438A1

GENERAL INFORMATION:
APPLICANT: Holl, Jens
APPLICANT: Holl, Jens
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/100446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
                                                                                                                                                                                                          APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/100L46-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.2
LENGTH: 160
                                                                                                                              , Sequence 6, Application US/10440516; Publication No. US20040043438A1; GENERAL INFORMATION:
APPLICANT: Holm, Jens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Betula verrucosa
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Best Local Similarity 100.
Matches 12; Conservative
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NAME/KEY: MISC_FEATURE
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US-10-440-516-6
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Query Match 100.0%; Score 68; DB 4; Length 160; Best Local Similarity 100.0%; Pred. No. 0.0036; Matches 12; Conservative 0; Mismatches 0; Indels
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CTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-4
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CTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-5
                                                                                                                                                                                                                     Sequence 4, Application US/10440516
Publication No. US2004004338A1
GENERAL INFORMATION:
APPLICANT: HOLM, JOHNS
APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/1001446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 160
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Sequence 5, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:

APPLICANT: Holm, Jens

TITLE OF INVENTION: Allergen mutants

TITLE OF INVENTION: Allergen mutants

FILE REFERENCE: 04305/1001446-US1

CURRENT FILING DATE: 2003-05-16

PRIOR PILING DATE: 2002-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SOFTWARE: PatentIn version 3.2

SEMICH: 160
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ORGANISM: Betula verrucosa
                                                                                         1 KISFPEGFPFKY 12
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NAME/KEY: MISC FEATURE
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